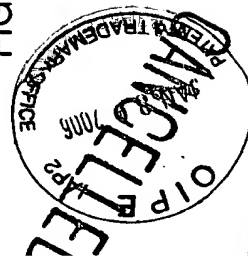


FIG. 1



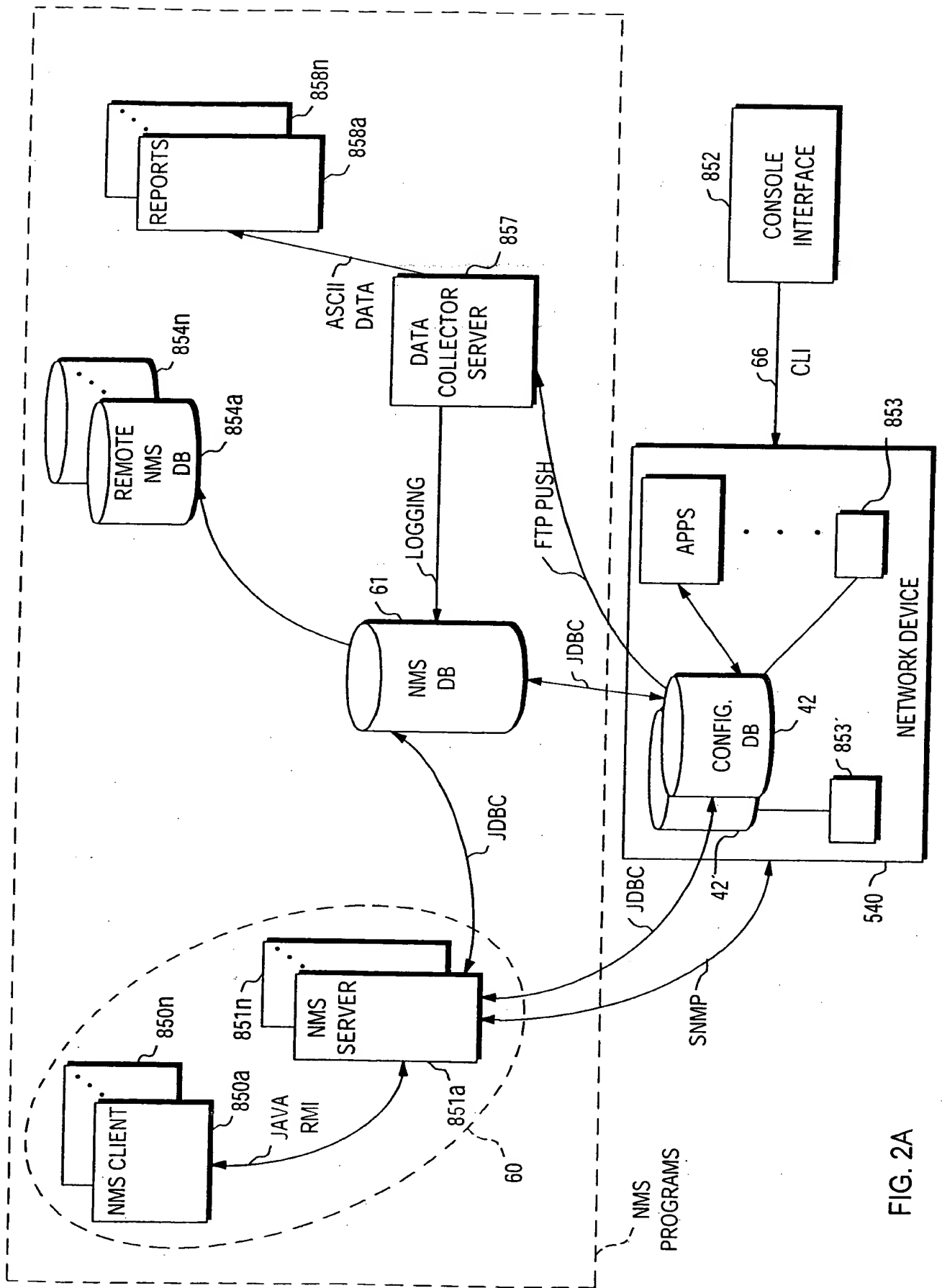


FIG. 2A

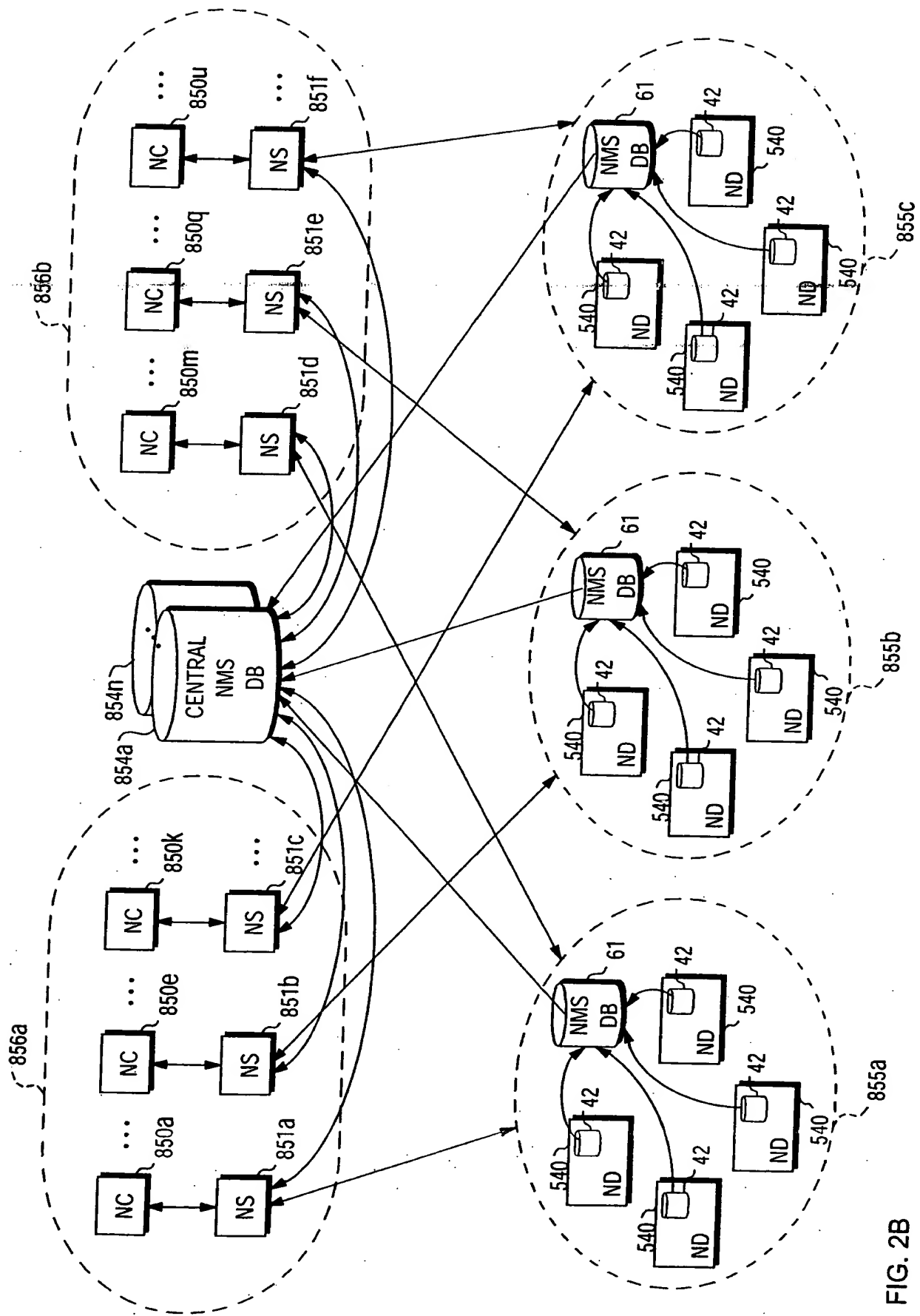


FIG. 2B

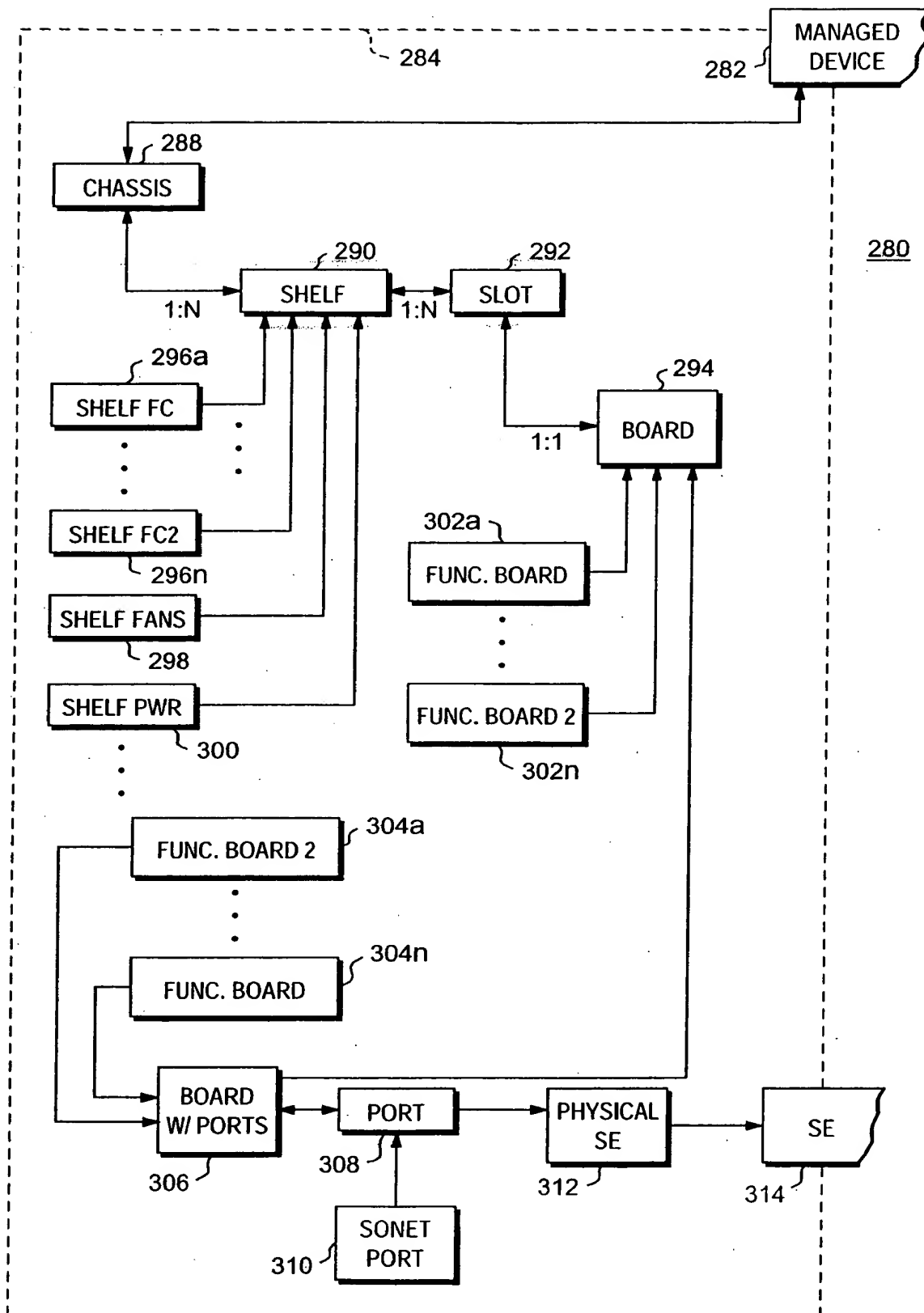


FIG. 3A

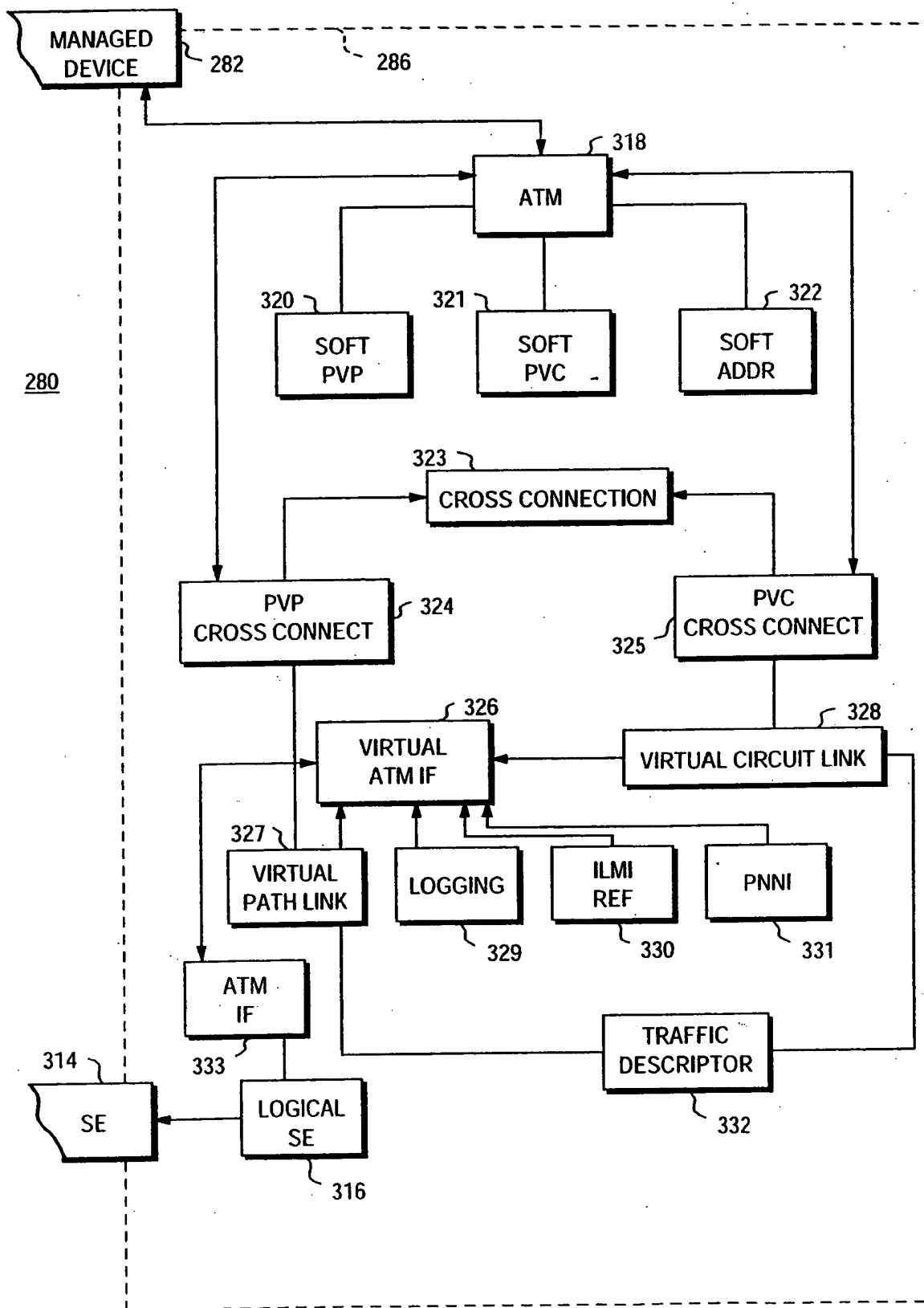


FIG. 3A CONTINUED

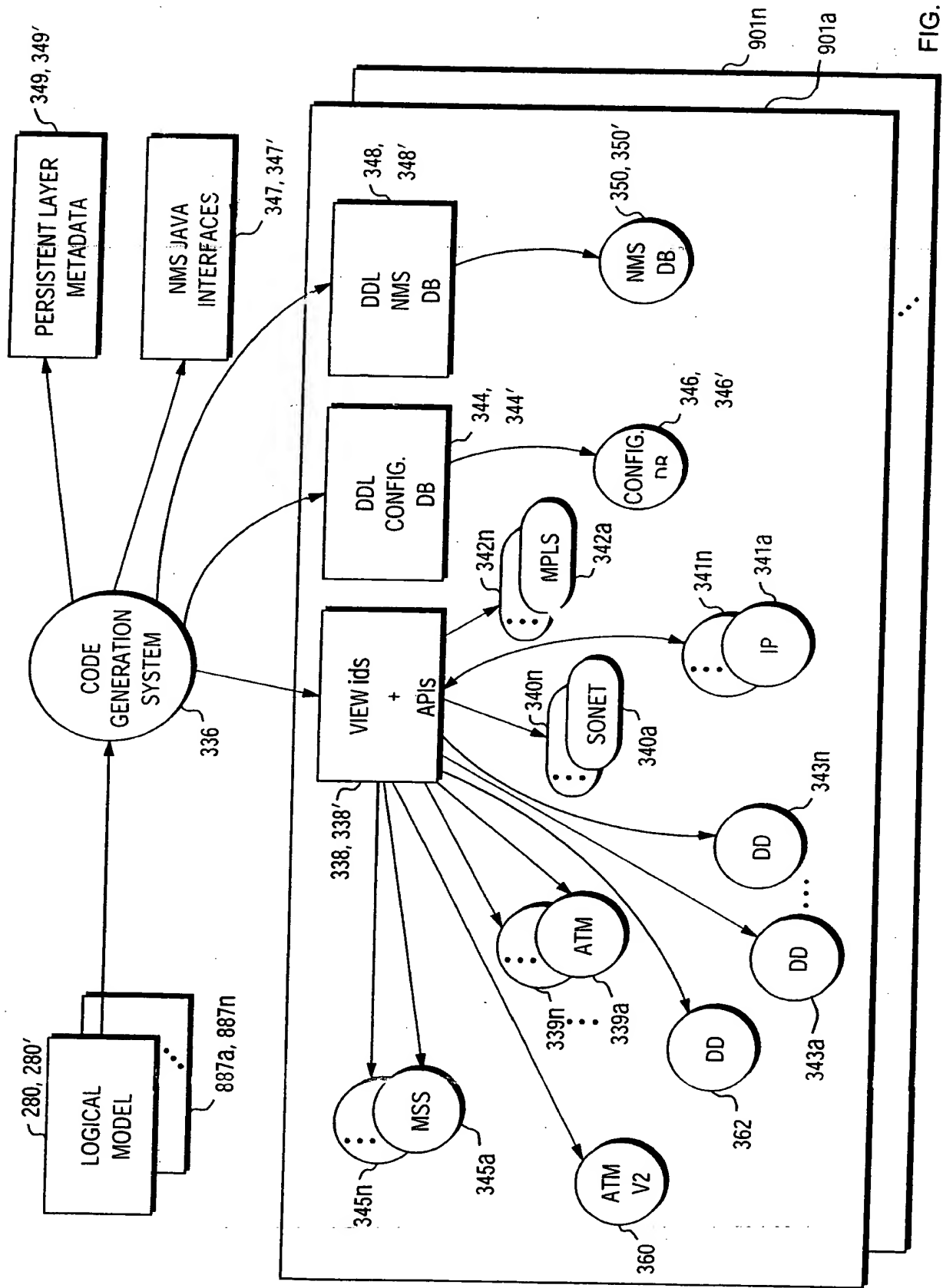


FIG. 3B

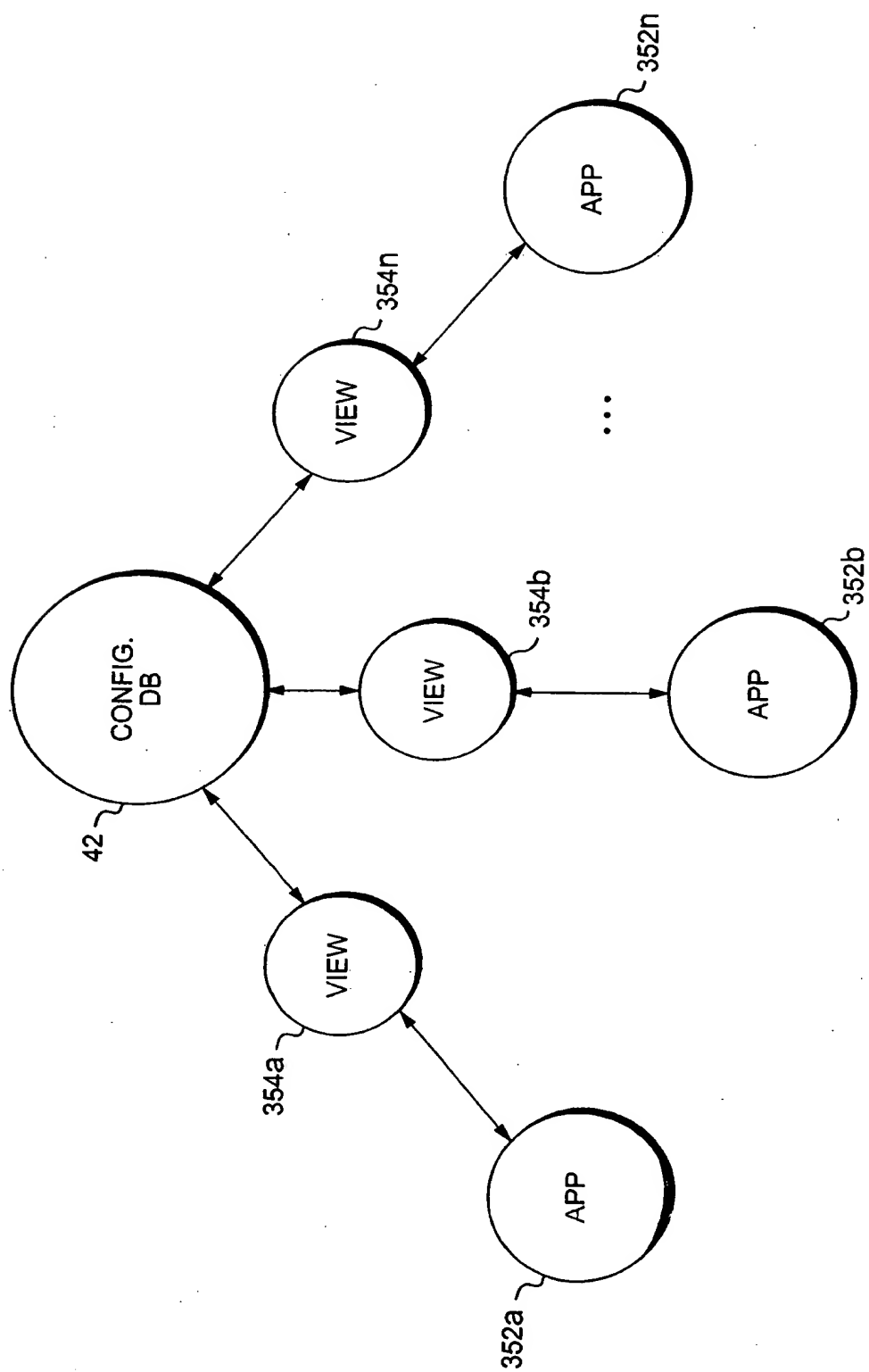


FIG. 3C

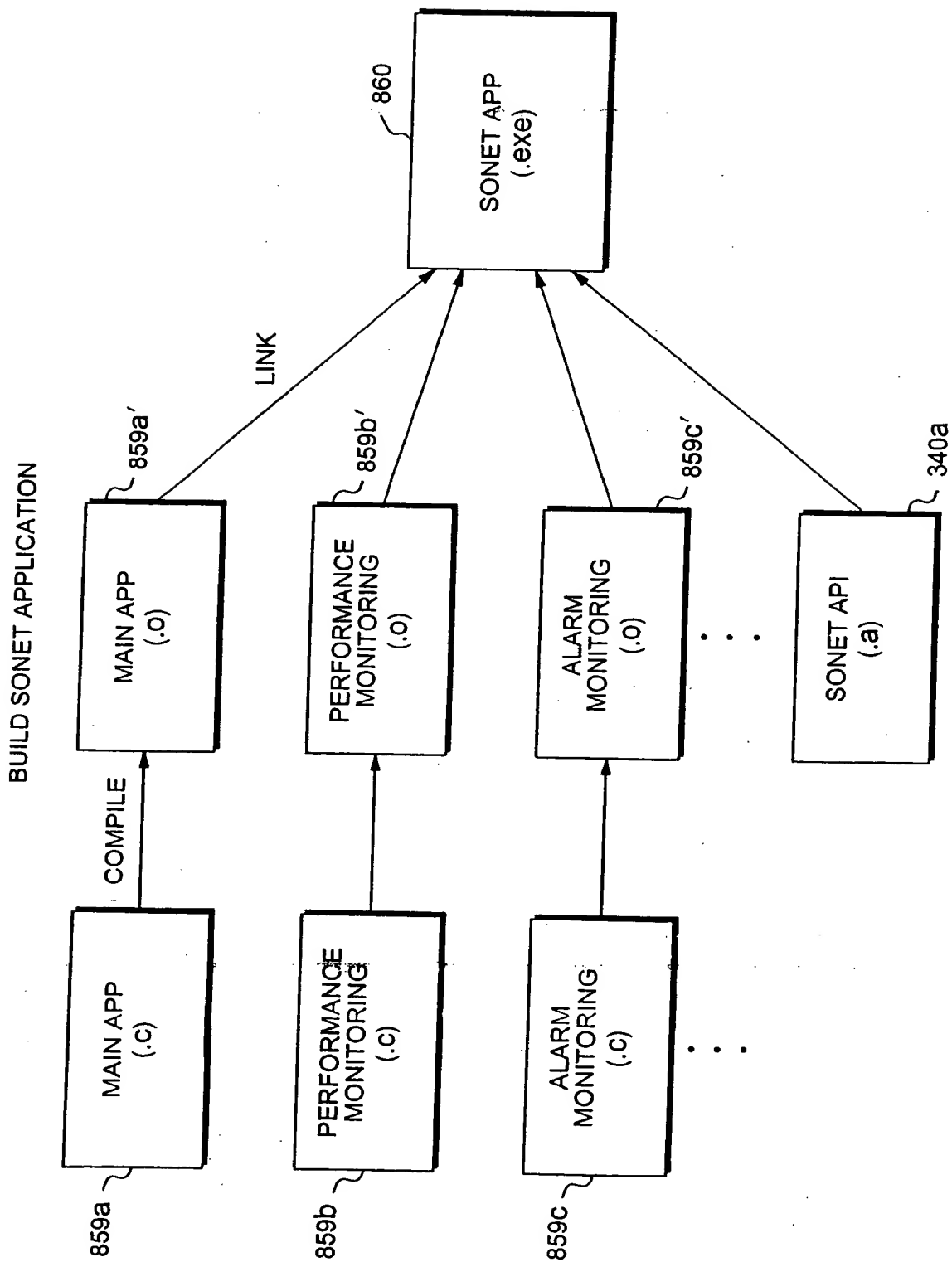


FIG. 3D

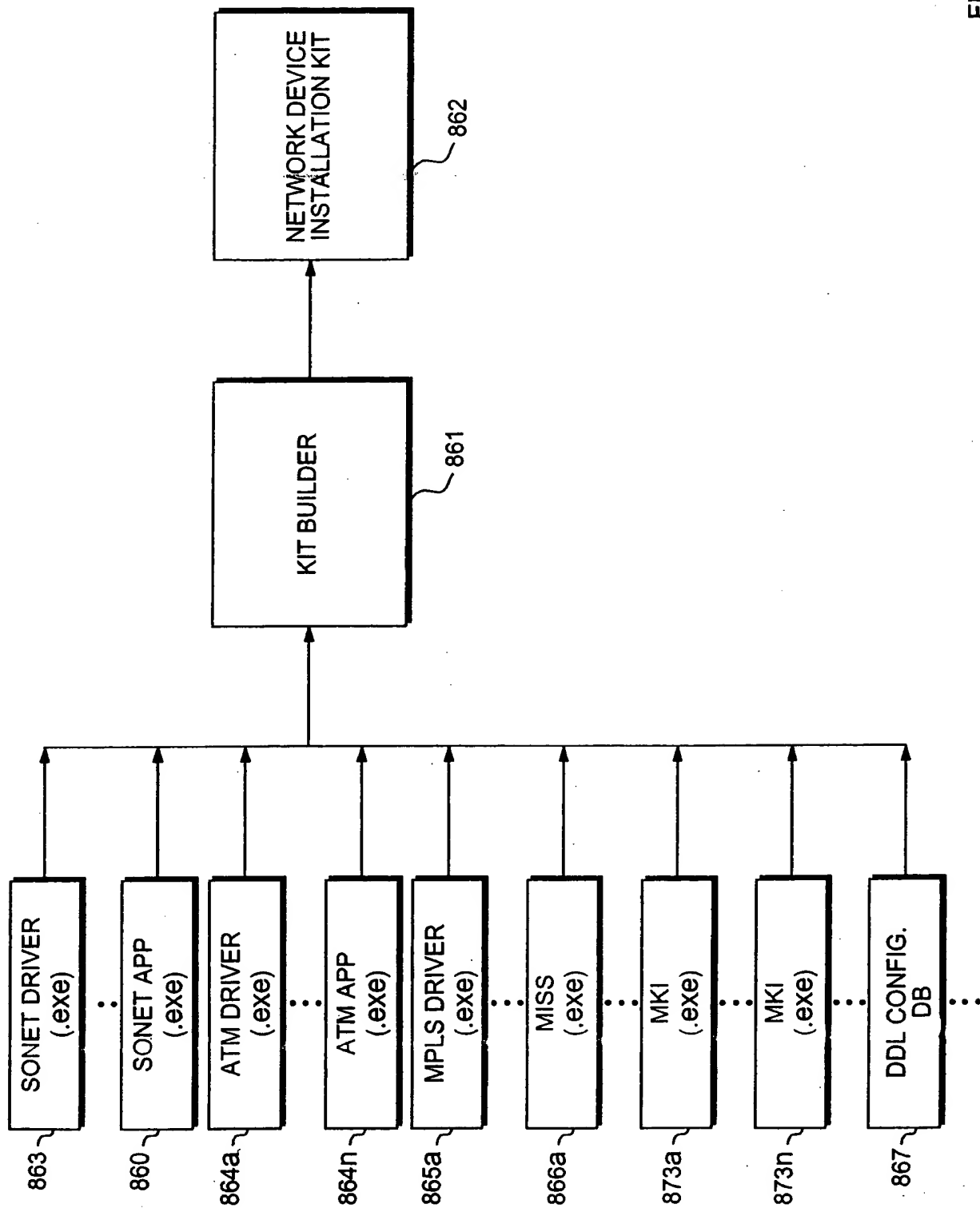


FIG. 3E

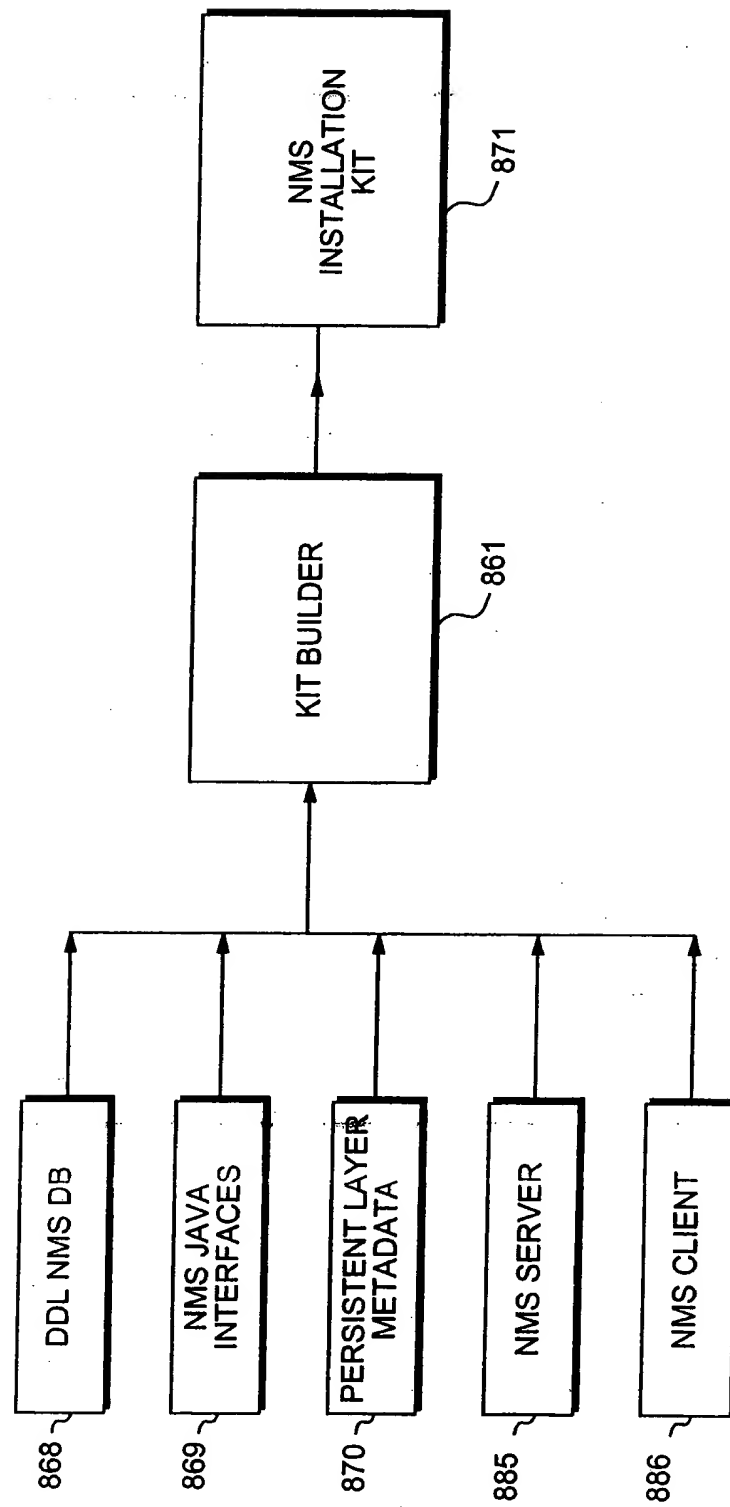


FIG. 3F

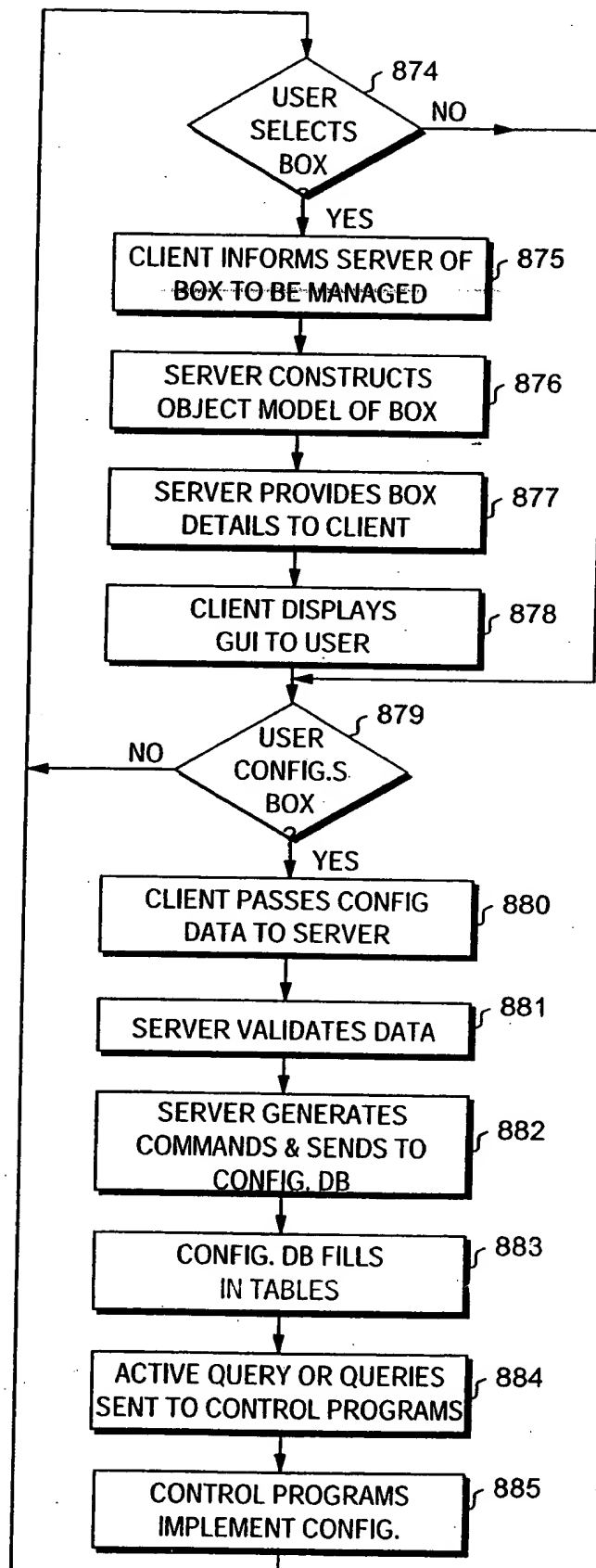


FIG. 3G

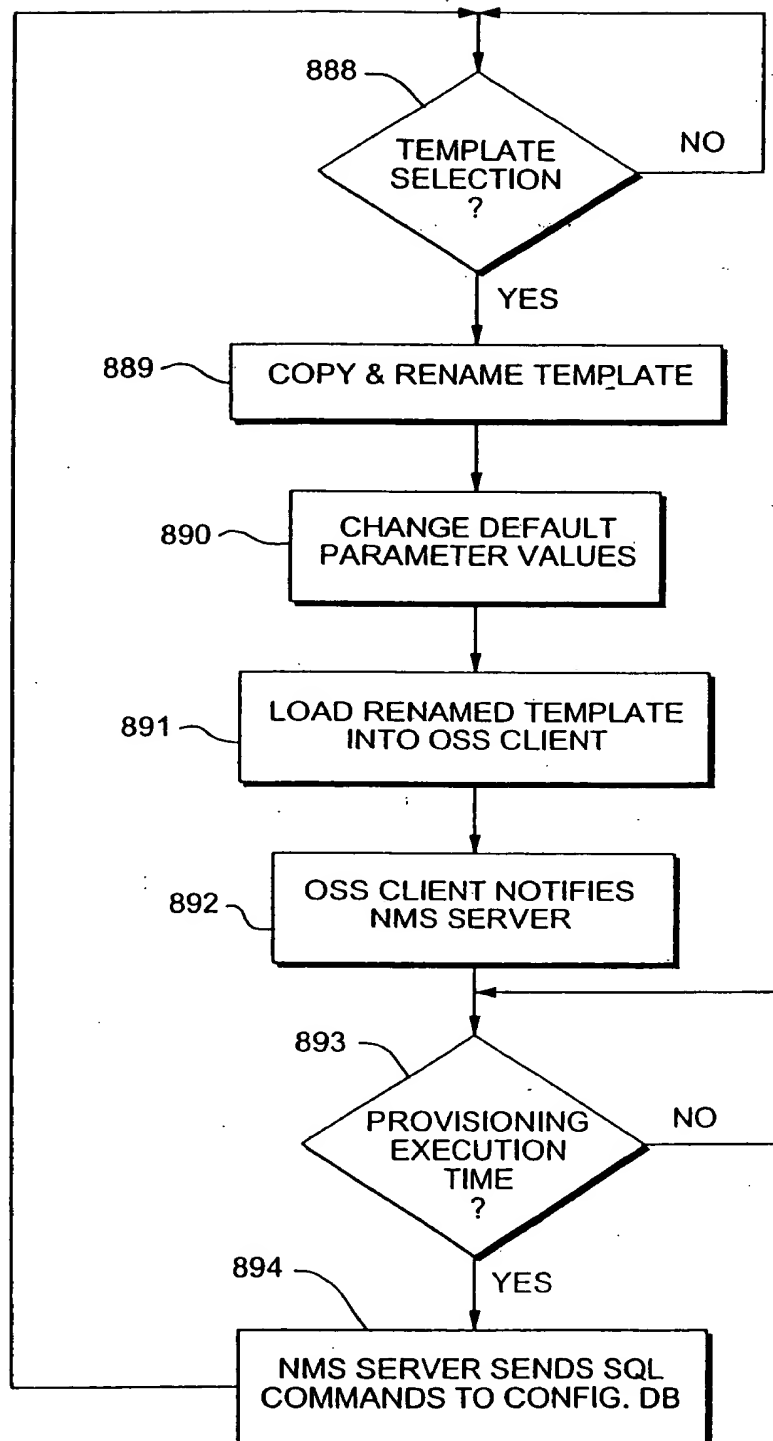


FIG. 3H

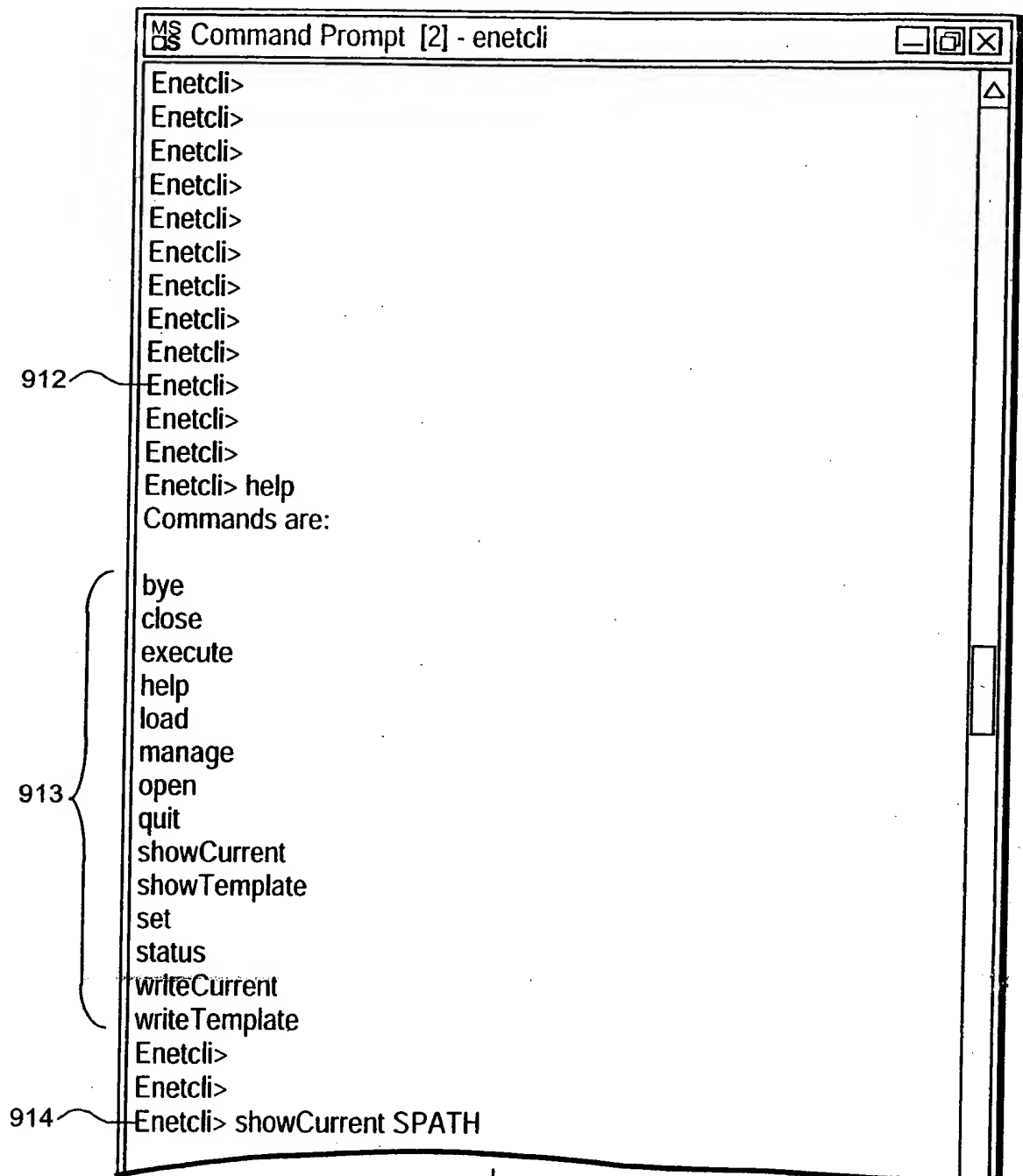


FIG. 3I CONTINUED

FIG. 3I

FROM FIG. 31

915 { ATMIfName=ATMIf11/1/1
Concatenated=false
Name=Path11/1/1
Operant=SPATH
Operator=Create
PortID=1
Position=1
Service=ATM
ShelfID=11
SlotID=1
Type=Terminated
Version=V1_1_0_0
Width=STS3
Enetcli>
Enetcli>
Enetcli>

916 { Enetcli> showTemplate SPATH
ATMIfName=<String>[TerminatedOnly]
Concatenated=<true:false>
Name=<String>
Operant=SPATH
Operator=<Create:Replace:Update:Delete>
PortID=<Integer><1-16>
Position=<Integer>
Service=<None :ATM>
ShelfID=<11[top],13[bottom]>
SlotID=<Integer><1-8>
Type=<switched :Terminated>
Version=V1_1_0_0
Width=<STS1:STS3:STS12:STS48>
Enetcli>
Enetcli>

917 {

918 { Enetcli> status

919 { Not currently connected to server

920 { Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
Enetcli>

FIG. 31 CONTINUED

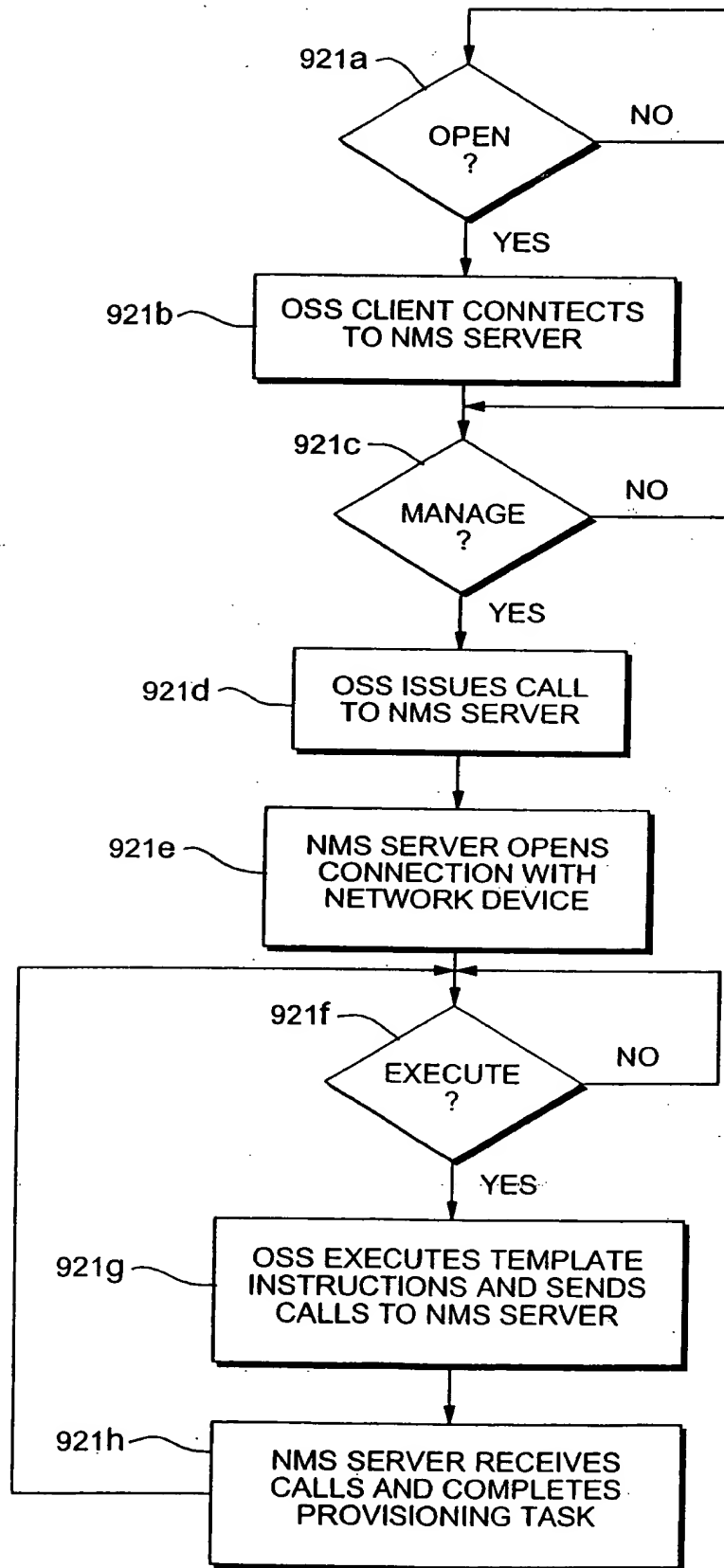


FIG. 3J

```
MS Command Prompt [2] - enetcli
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
922 Enetcli> showCurrent CONTROL
input=Q:\nms\com\equipecom\nms\utils\enetcli
Interactive=false
Operant=CONTROL
923d Operator=Manage
923f Output=Q:\nms\com\equipecom\nms\utils\enetcli
923c Password=None
923e System=192.168.9.202
923b User=None
923g Version=V1_1_0_0
923a Server=localhost
Enetcli>_
```

FIG. 3K

BATCH

924



Operant=BATCH

Operator=Execute

Version=V1_1_0_0

924a ~ TASK1=execute-SPATH

924b ~ TASK2=execute-PVC

924c ~ TASK3=execute-SPVC

924d ~ TASK4=load-SPVC-spvc1

924e ~ TASK5=execute-SPVC

924f ~ TASK6=load-SPVC-spvc2

924e ~ TASK7=execute-SPVC

.

.

924g ~ TASK50=set-SPATH-PortID-3

924h ~ TASK51=execute-SPATH

924i ~ TASK52=set-SPATH-SlotID-2

924j ~ TASK53=execute-SPATH

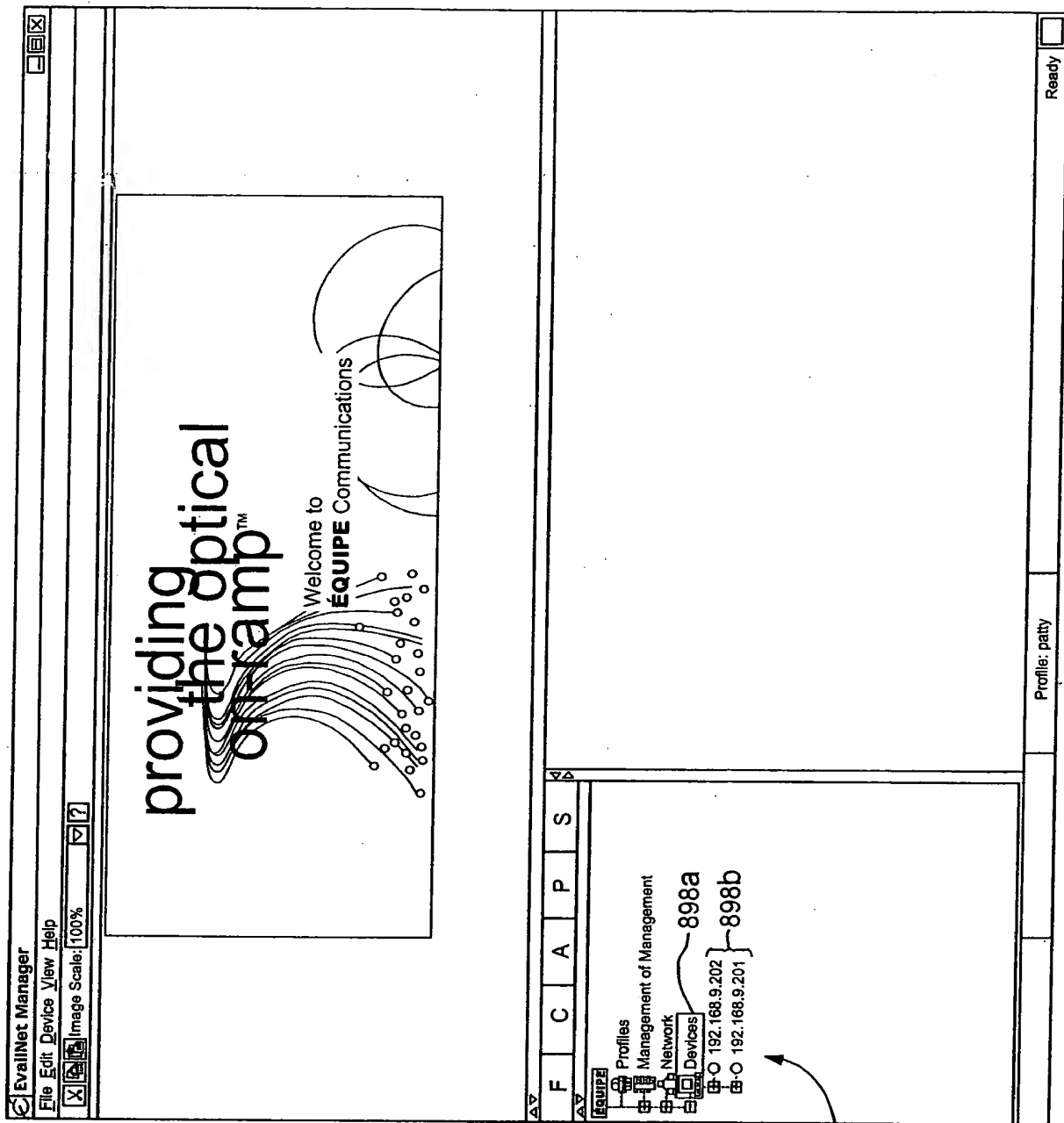
FIG. 3L

925

Operant=BATCH
Operator=Execute
Version=V1_1_0_0
925a ~ TASK1=execute-CONTROL
925b ~ TASK2=execute-SPATH
925c ~ TASK3=set-SPATH-PortID-3
925d ~ TASK4=execute-SPATH
.
.
925e ~ TASK61=set-CONTROL-System-192.168.9.201
925f ~ TASK62=execute-CONTROL
925g ~ TASK63=execute-SPATH
.
.
925h ~ TASK108=close
925i ~ TASK109=set-CONTROL-Server-Server1
925j ~ TASK110=set-CONTROL-System-192.168.8.200
925k ~ TASK111=execute-CONTROL
925l ~ TASK112=execute-SPATH
.
.
.

FIG. 3M

895



898

FIG. 4A

895

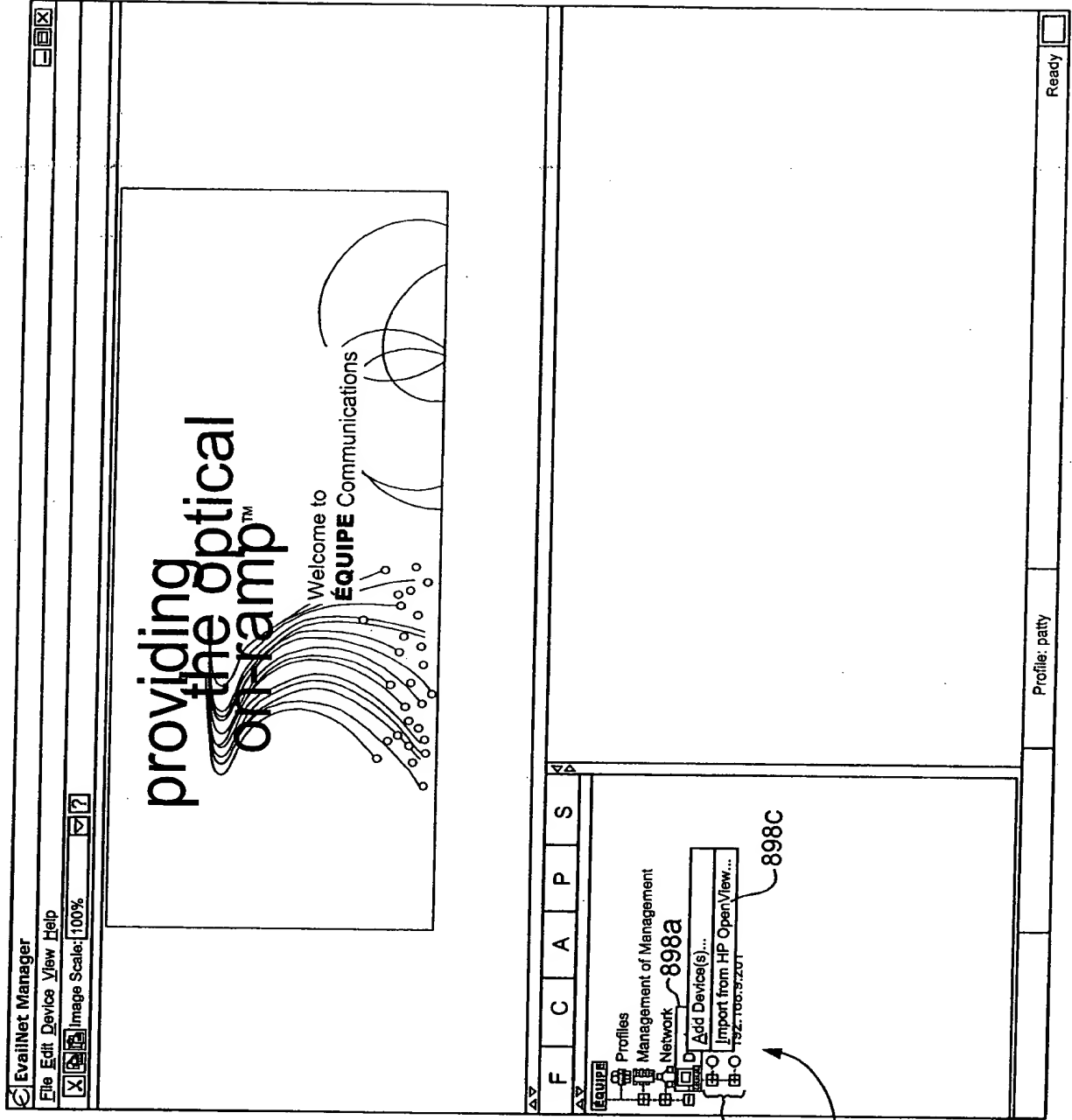


FIG. 4B

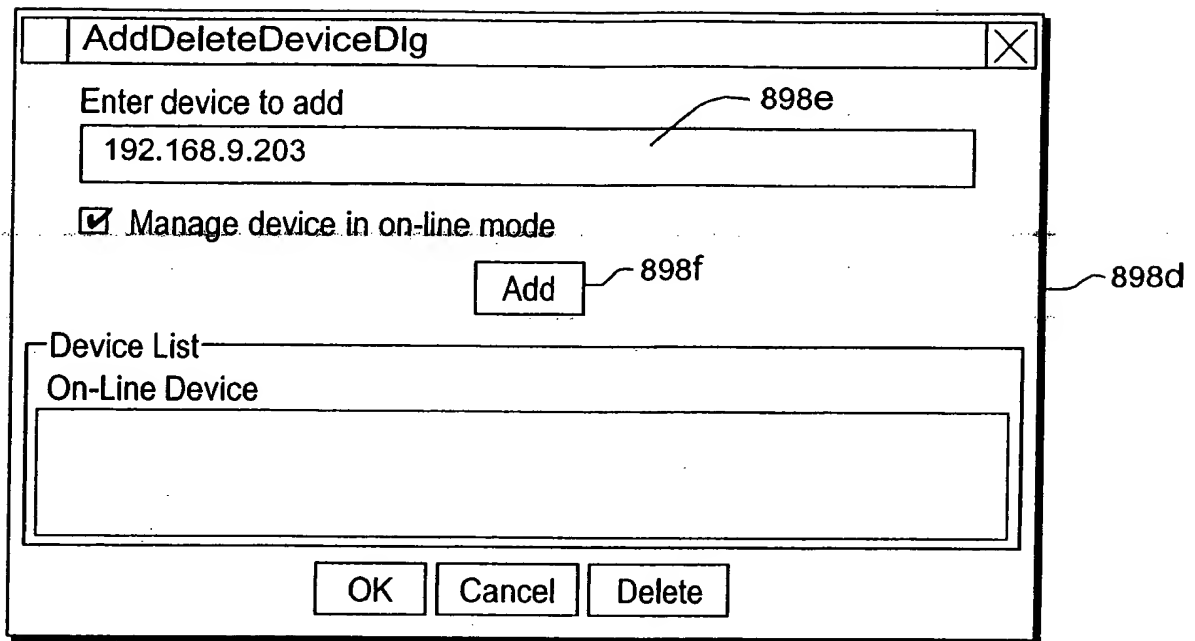


FIG. 4C

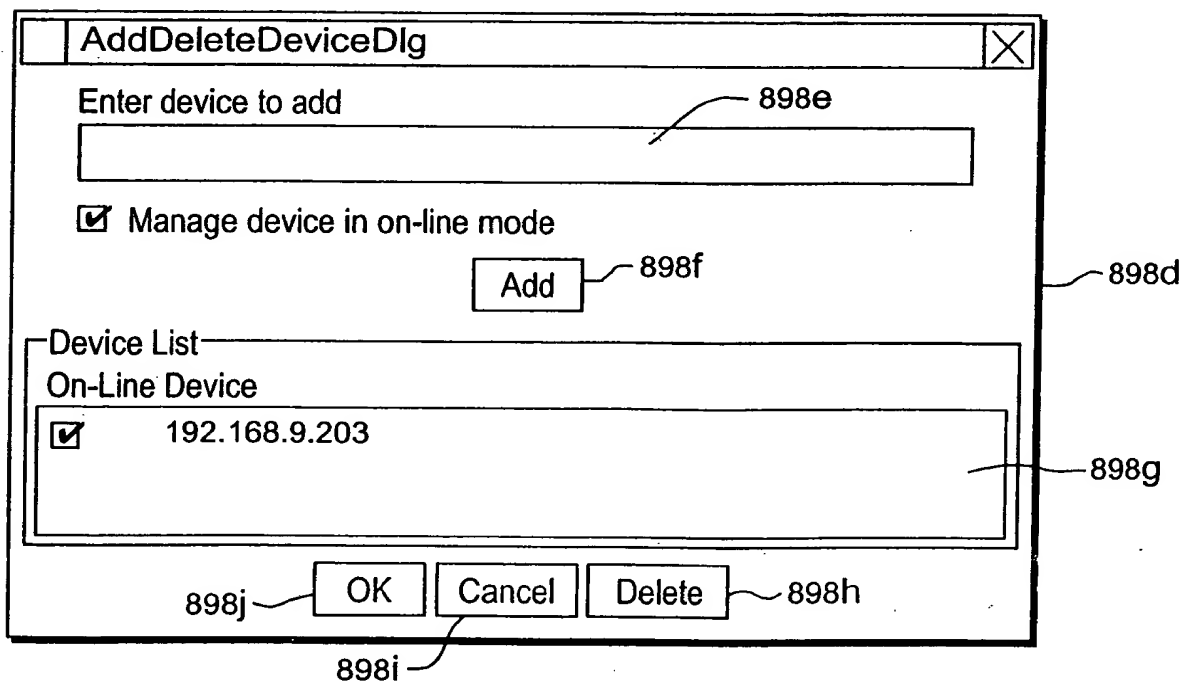
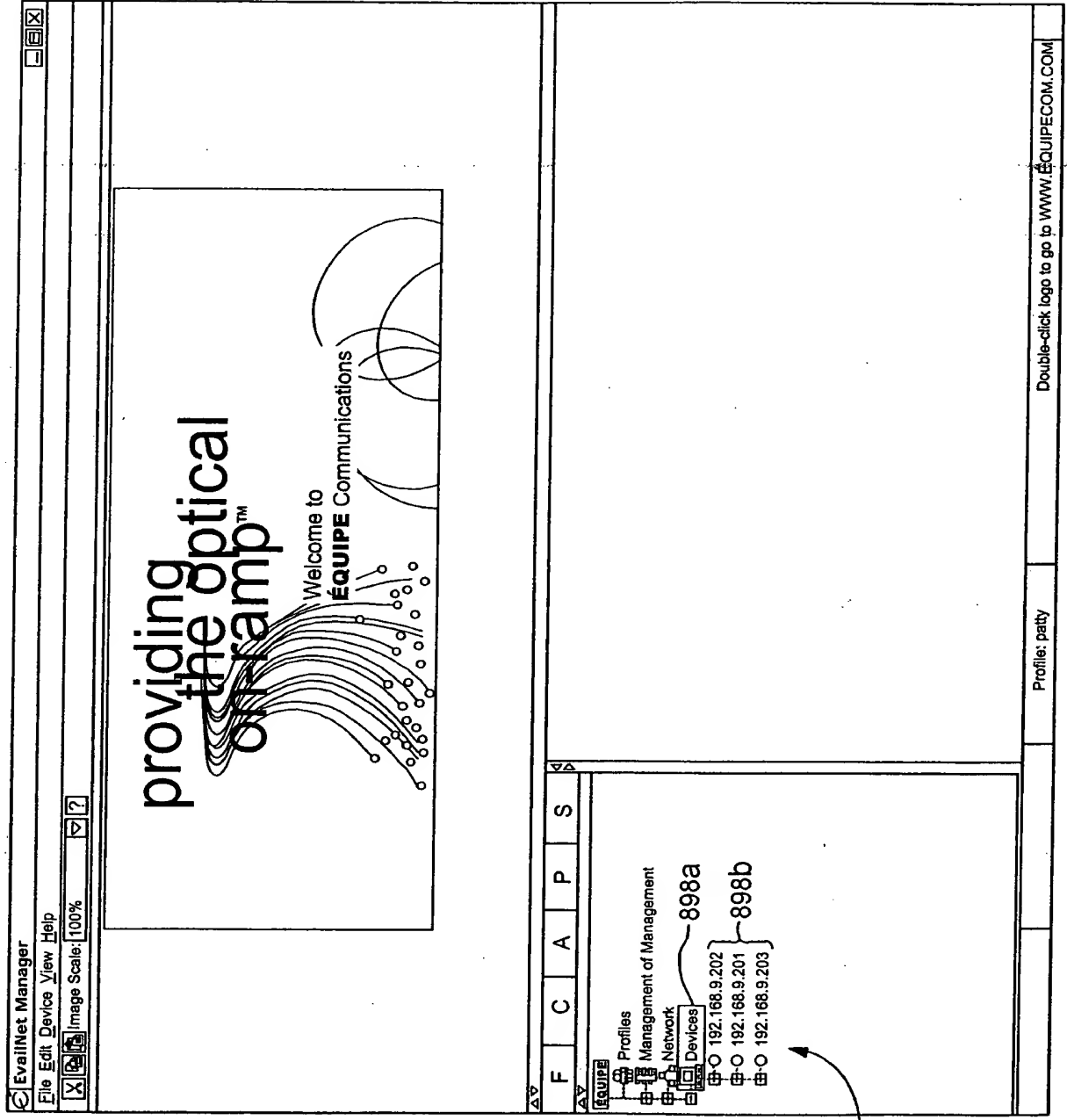


FIG. 4D

895



898

FIG. 4E

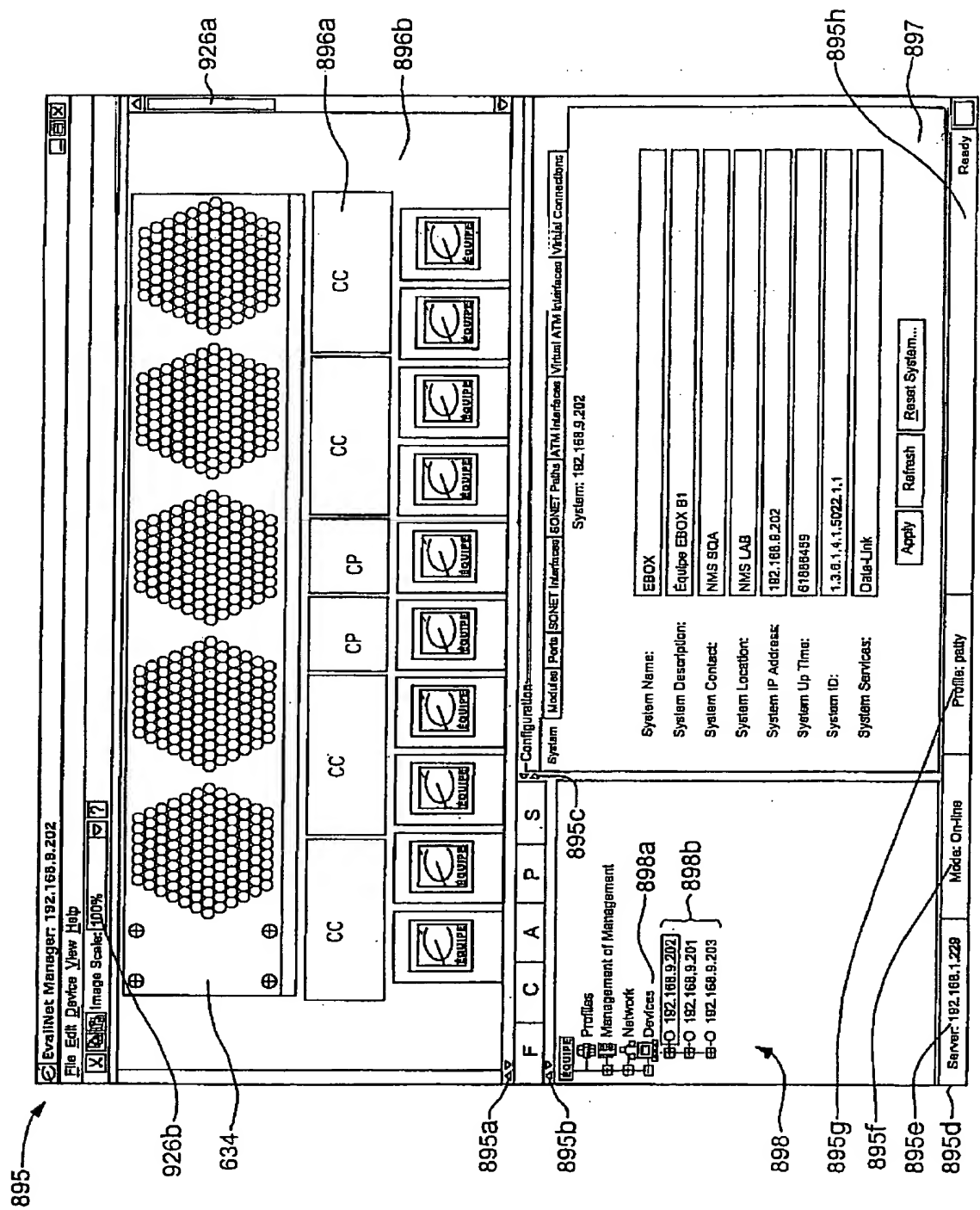


FIG. 4F

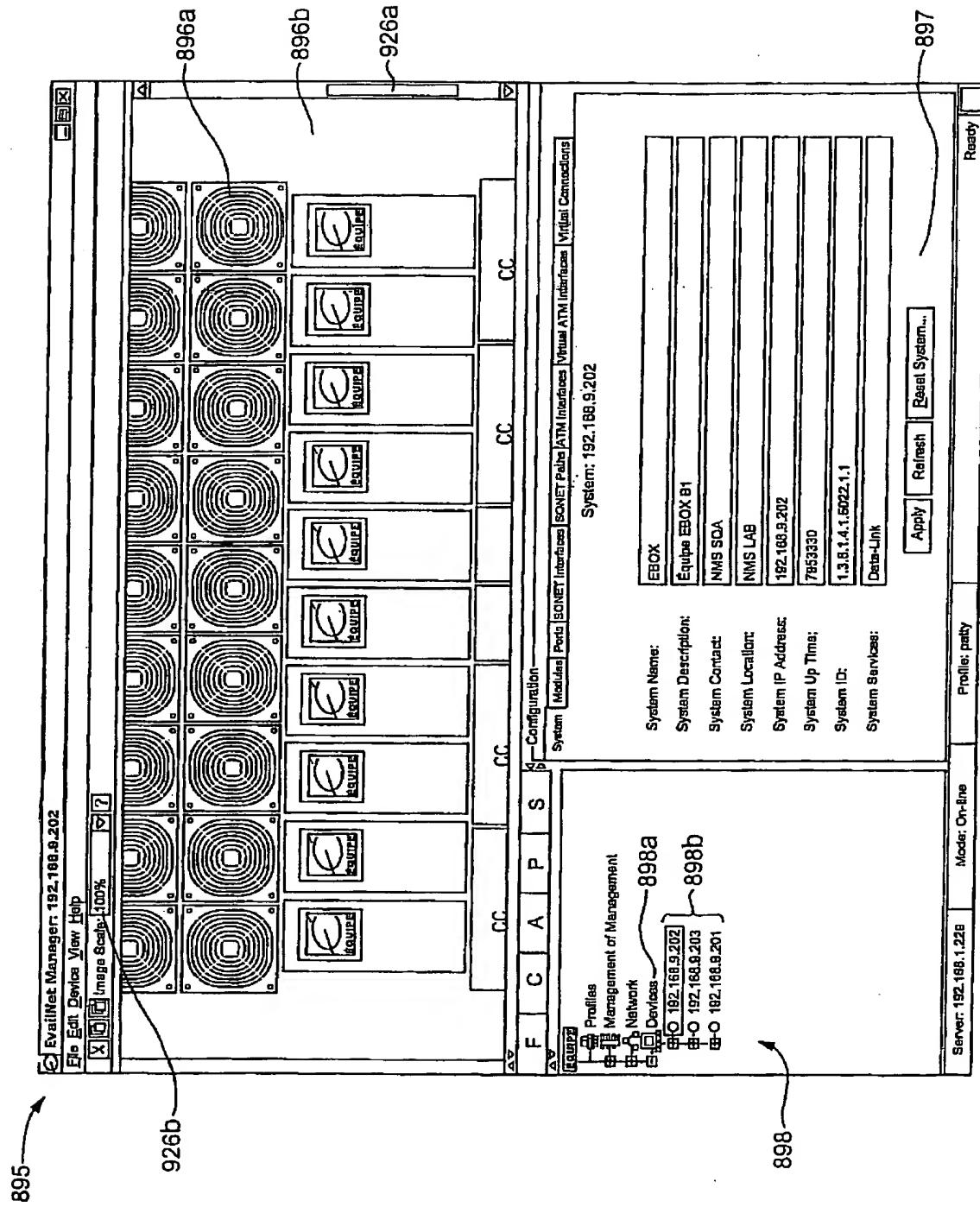


FIG. 4G

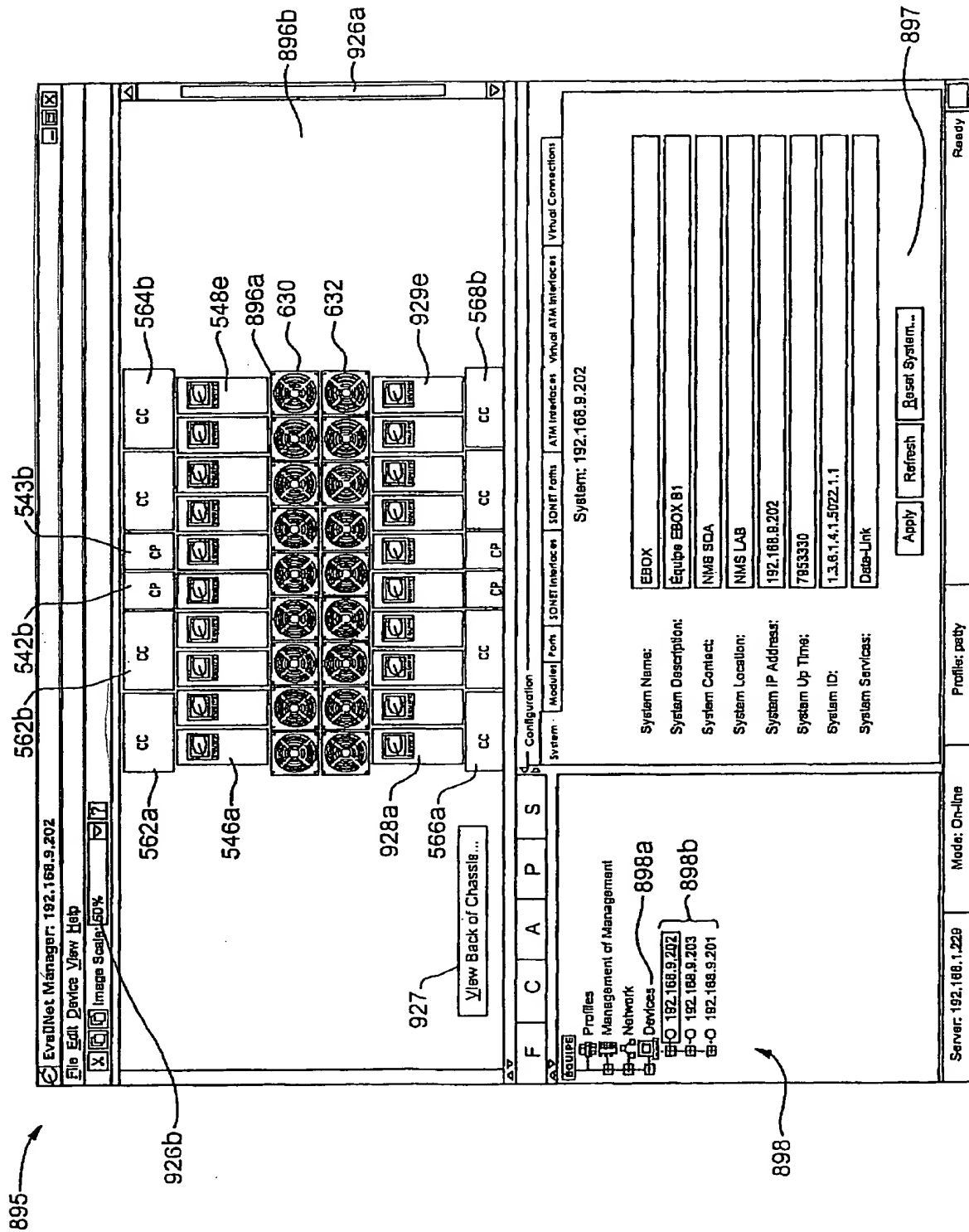


FIG. 4H

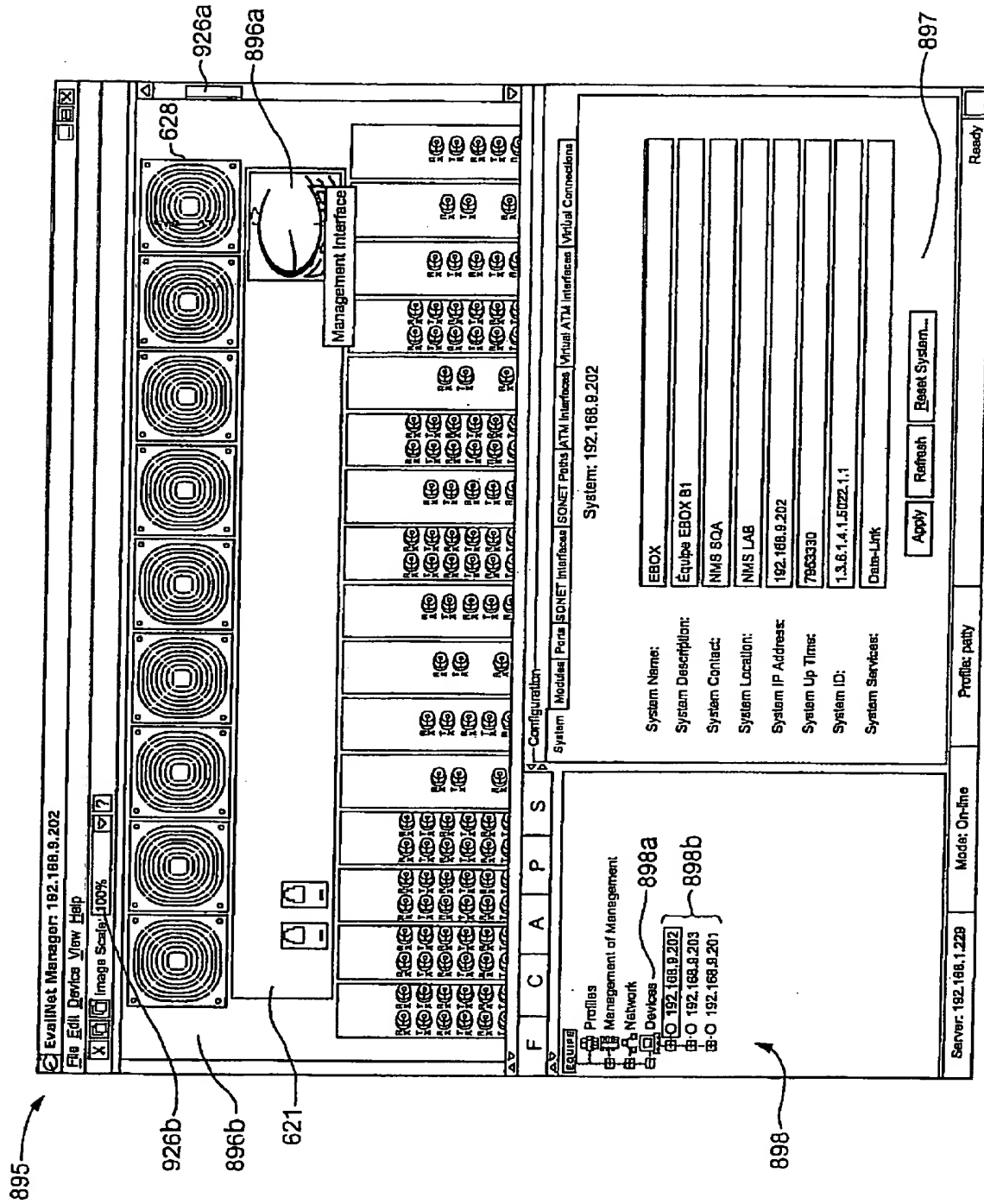


FIG. 4I

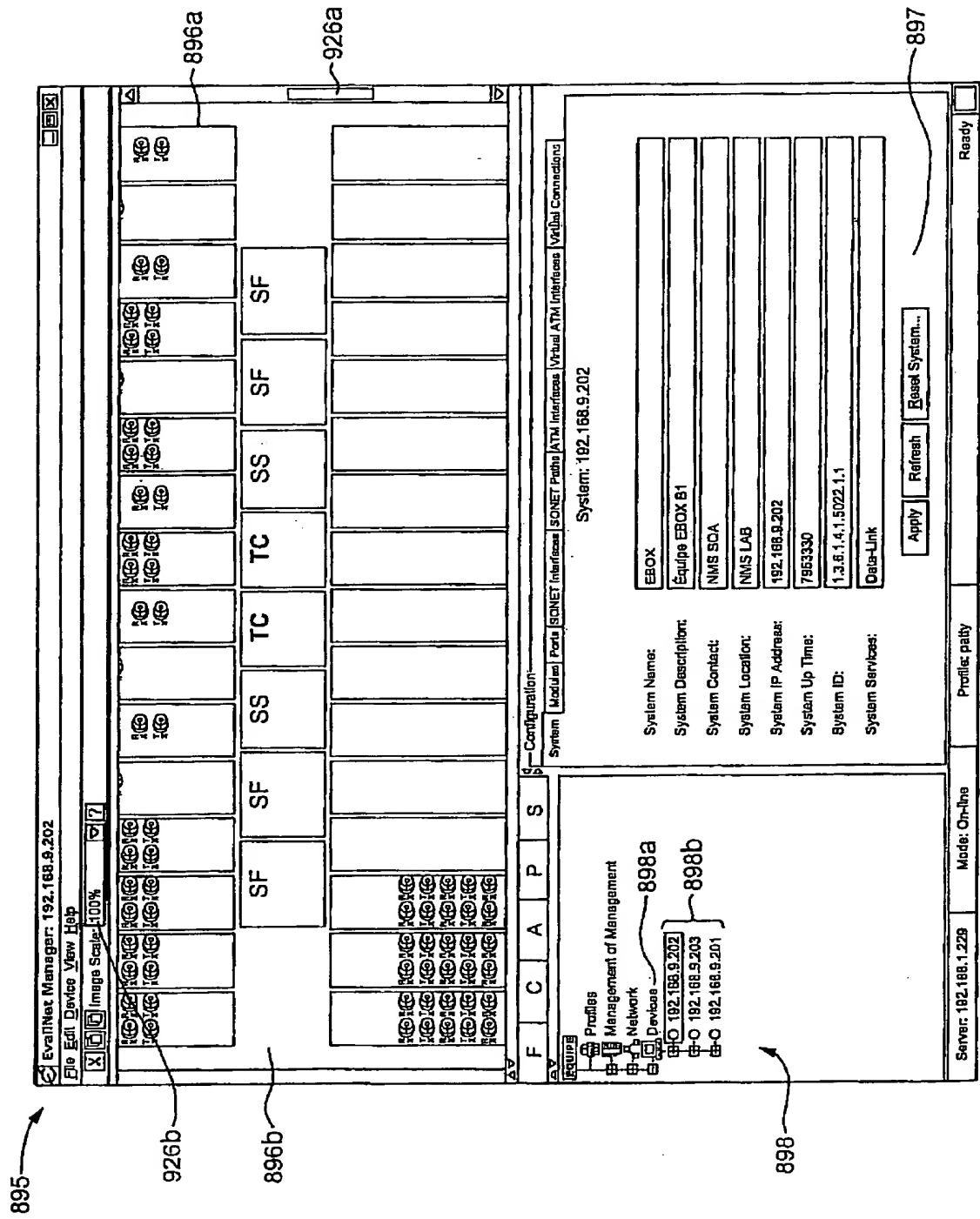


FIG. 4J

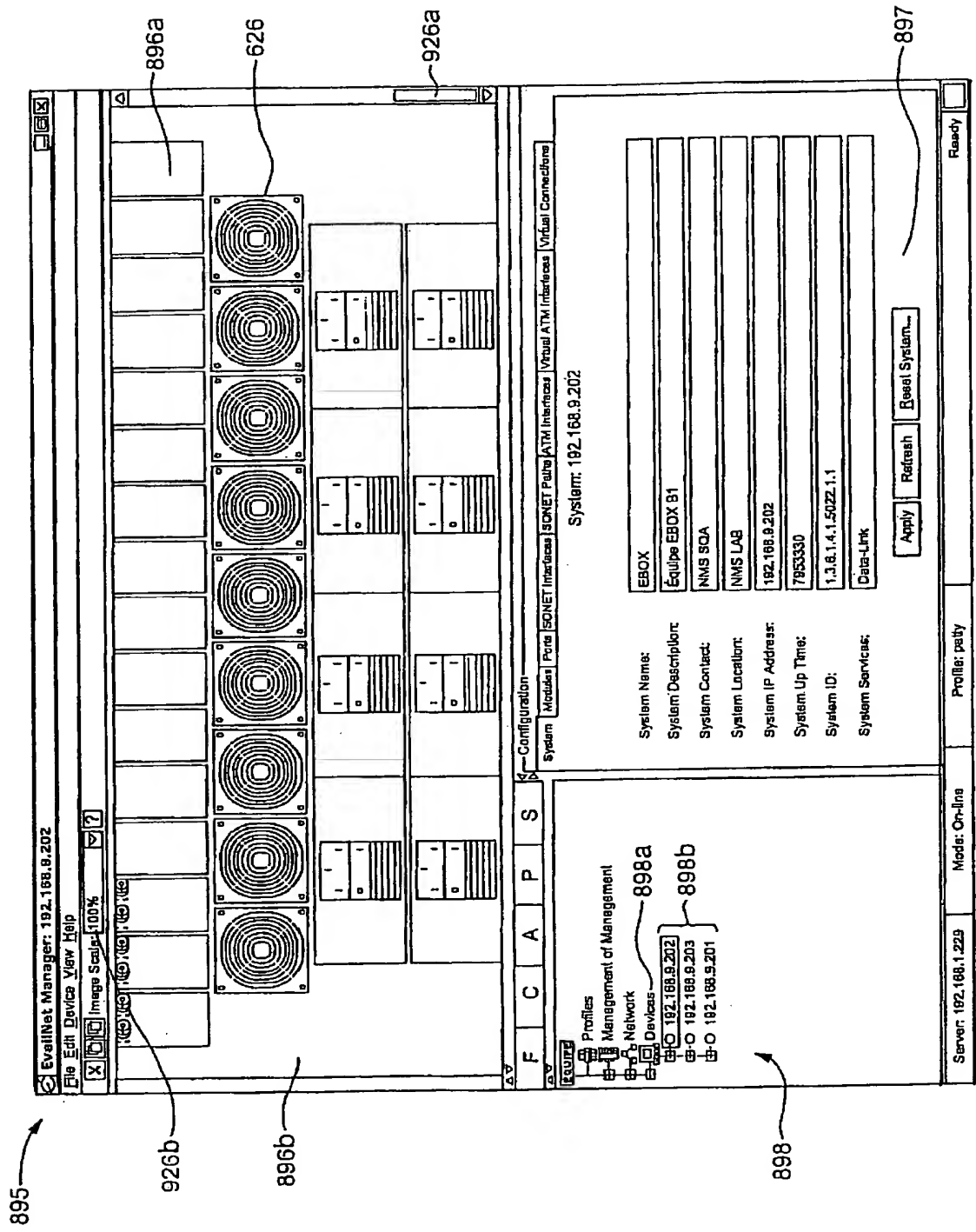


FIG. 4K

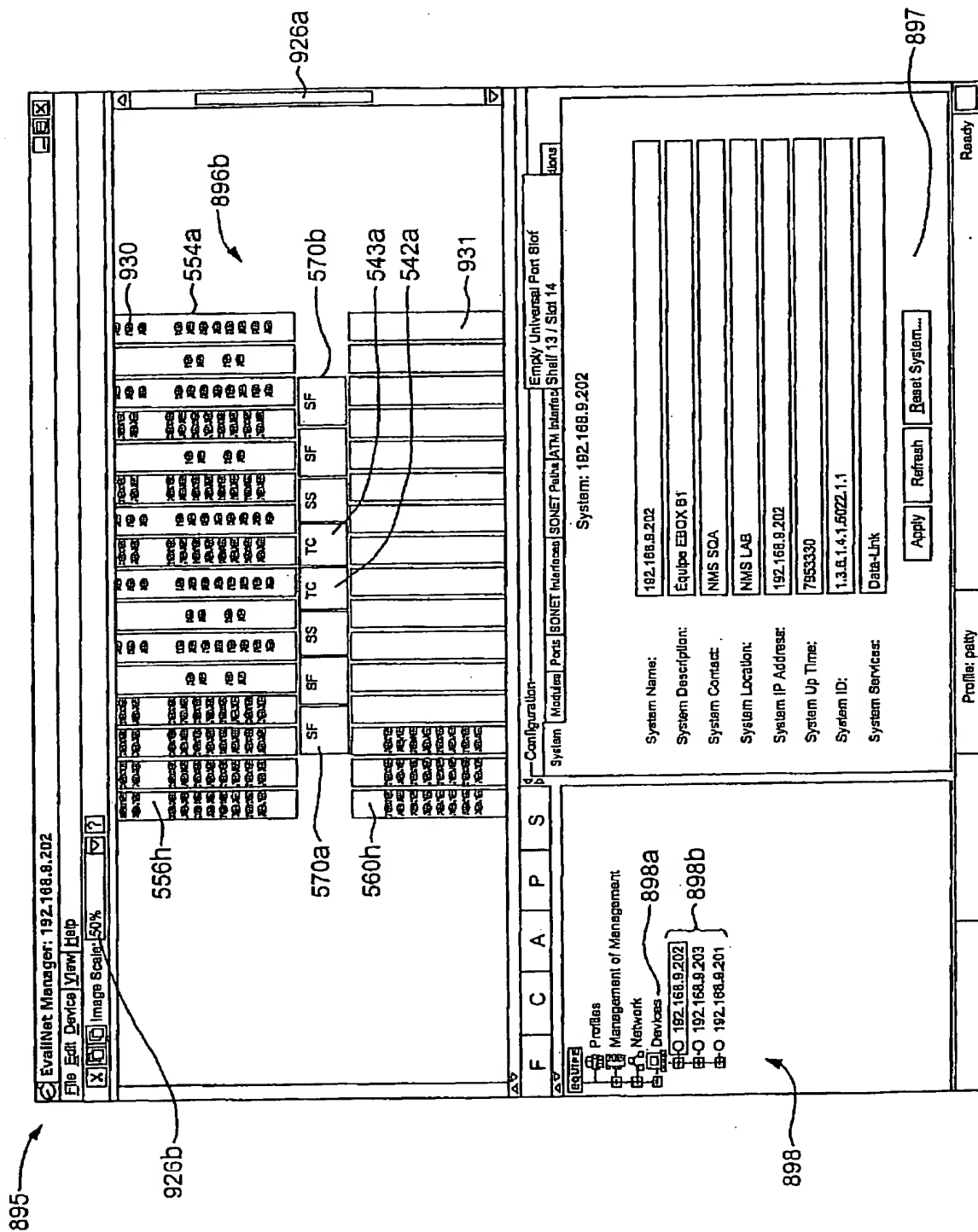


FIG. 4L

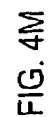
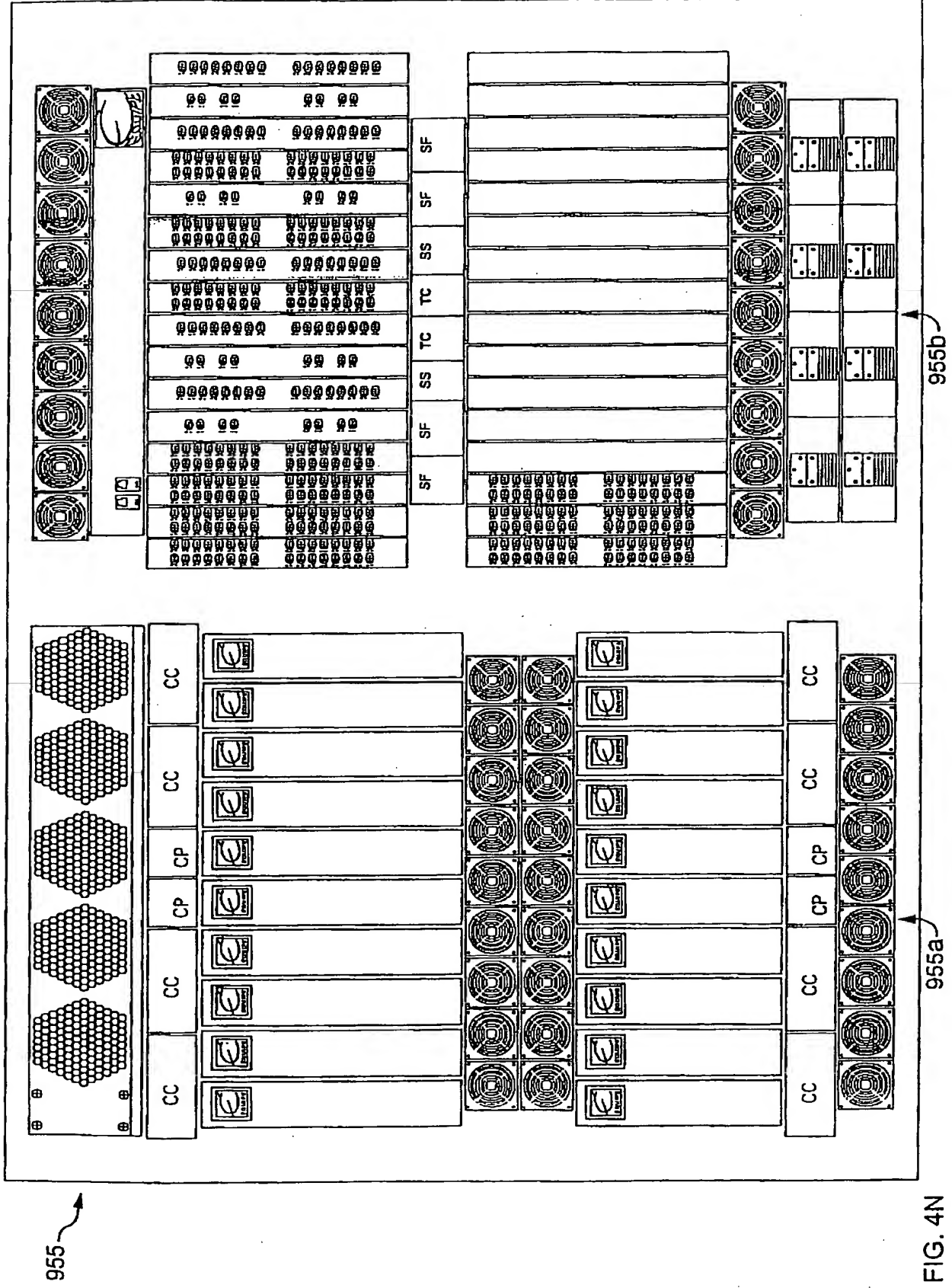
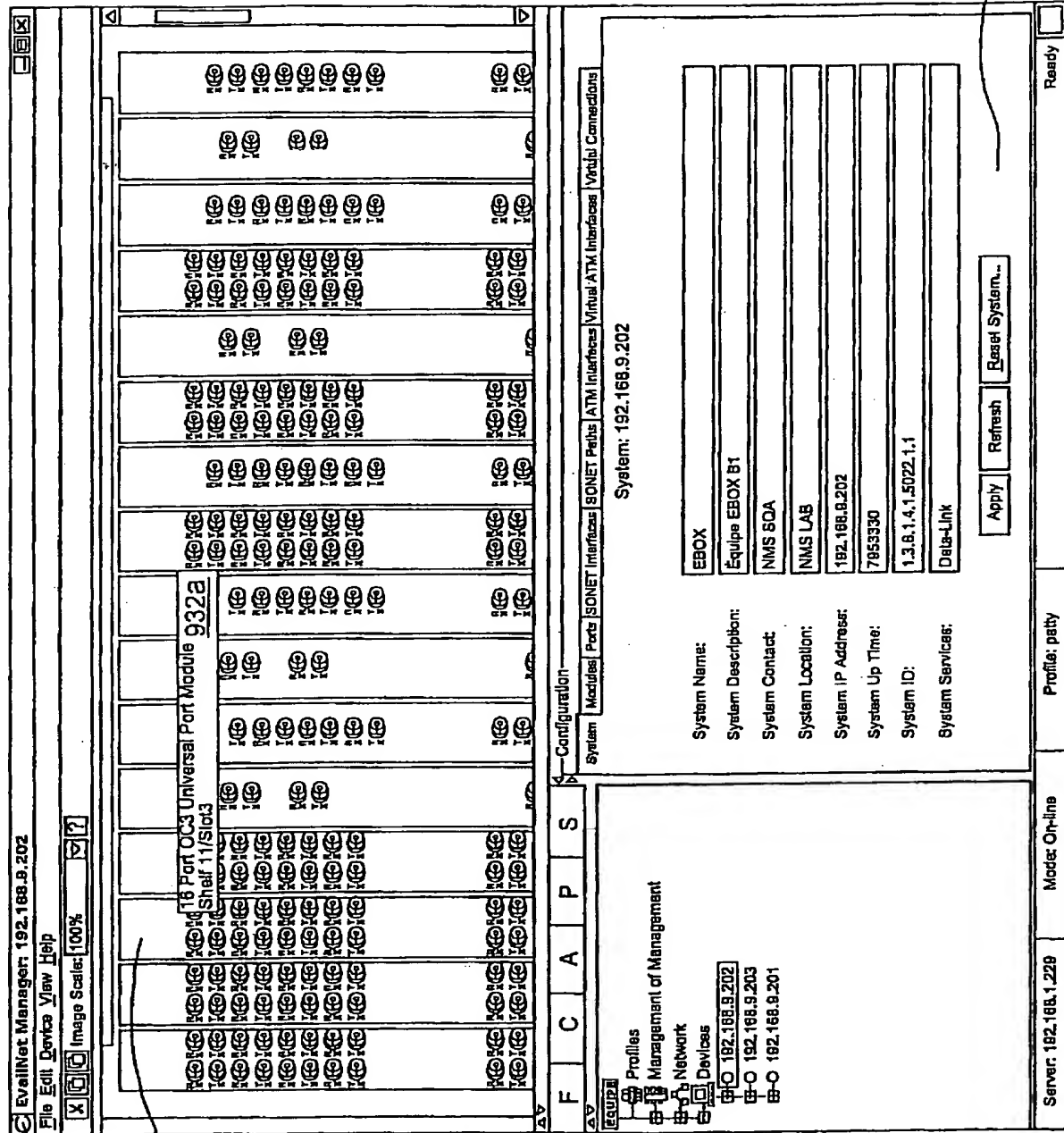


FIG. 4M





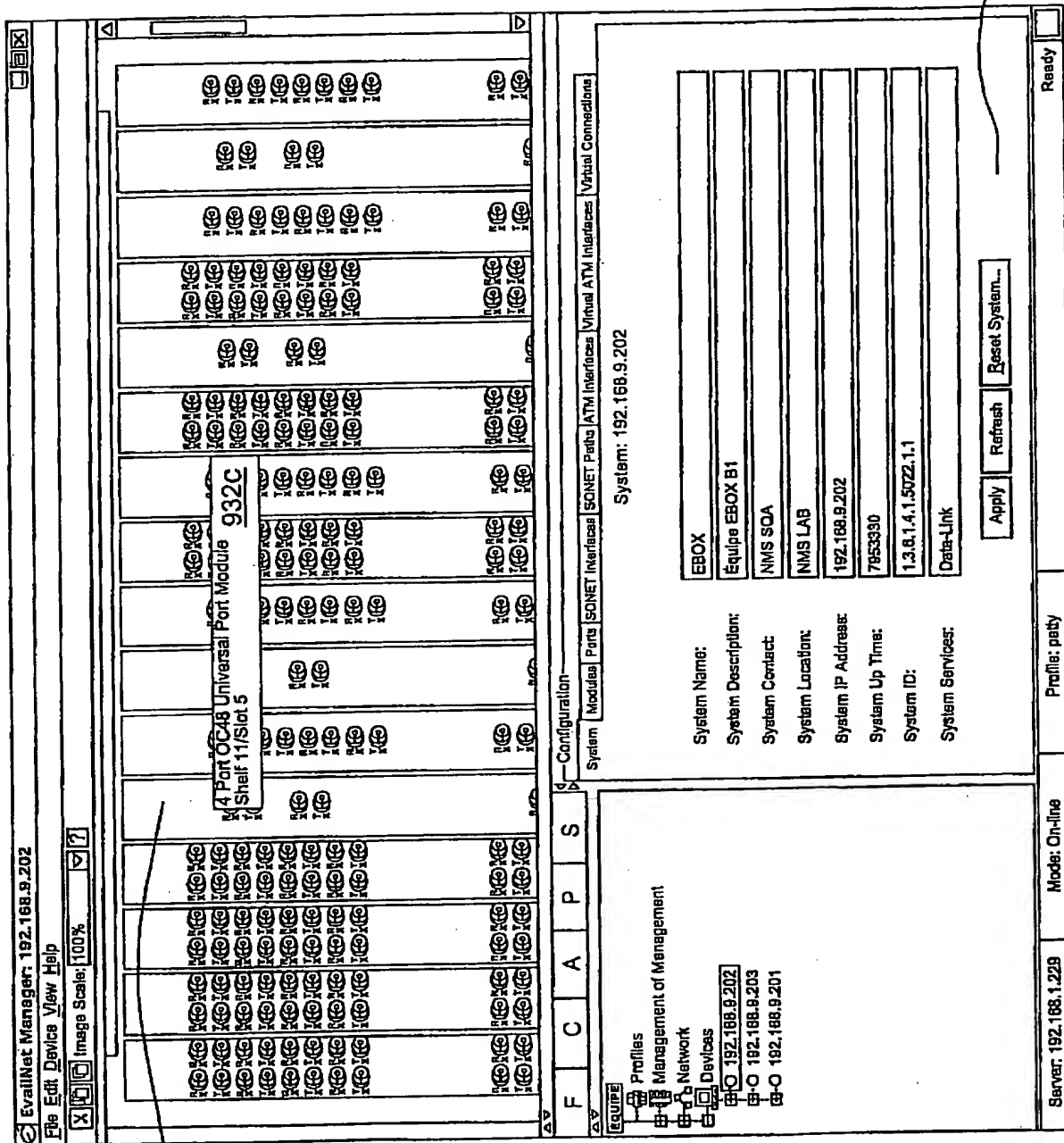


FIG. 4Q

895

EvallNet Manager: 192.168.9.202

File Edit Device View Help

Image Scale: 100%

?

OC-12

Shelf 11/Slot 4/Port 1

932e

933

934

935a

935b

935c

935d

935e

935f

935g

935h

935i

935j

935k

935l

935m

935n

935o

935p

935q

935r

935s

935t

935u

935v

935w

935x

935y

935z

Configuration

System Modules Ports SONET Interfaces ATM Interfaces Virtual ATM Interfaces Virtual Connections

934

System: 192.168.9.202

934a

934b

934c

934d

934e

934f

934g

934h

934i

934j

934k

934l

934m

934n

934o

934p

934q

934r

934s

934t

934u

934v

934w

934x

934y

934z

935a

935b

935c

935d

935e

935f

935g

935h

935i

935j

935k

935l

935m

935n

935o

935p

935q

935r

935s

935t

935u

935v

935w

935x

935y

935z

Server: 192.168.1.229

Mode: On-line

Profile: patty

Ready

FIG. 4S

895

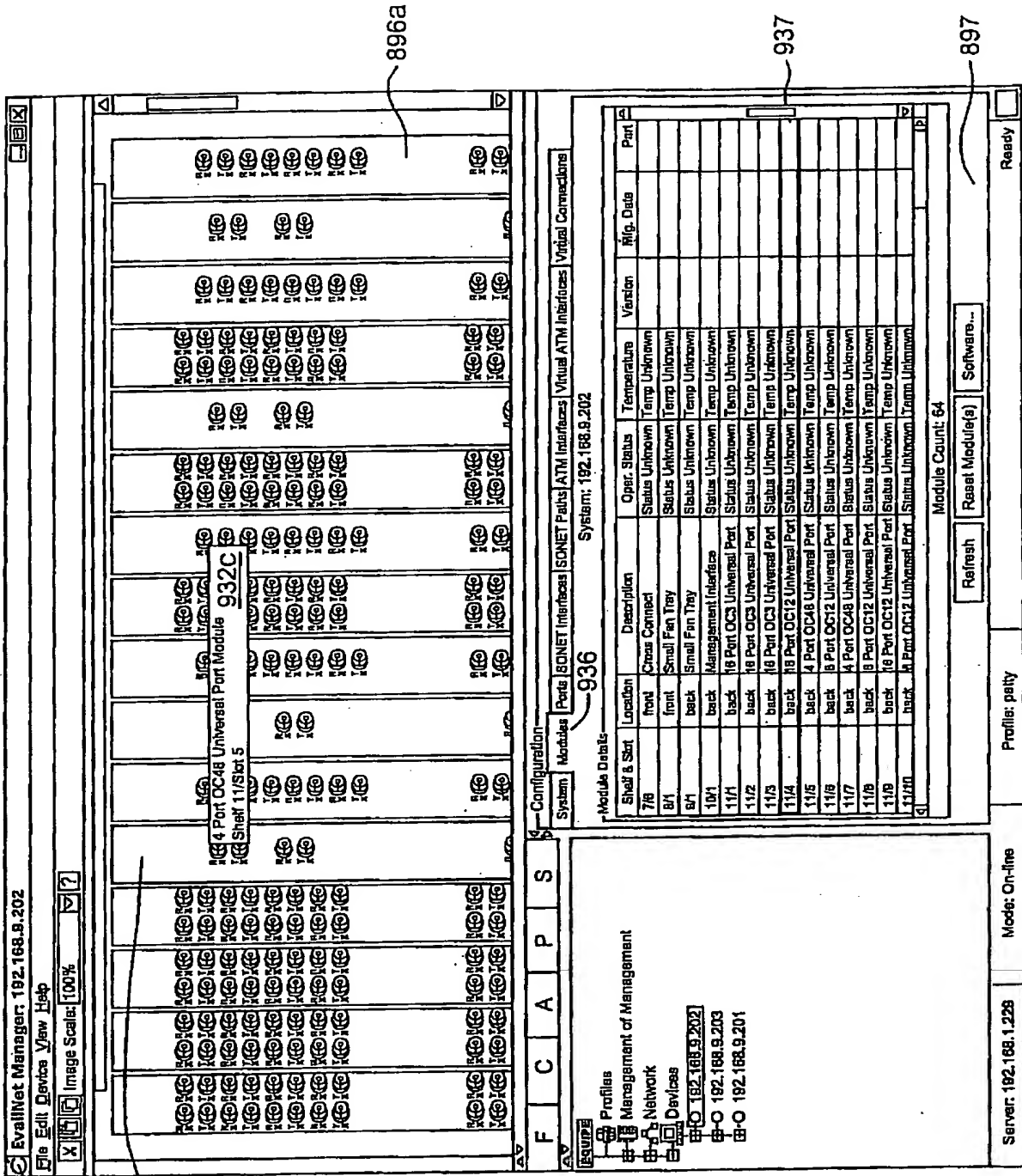


FIG. 4T

FIG. 4U

FIG. 4V

895

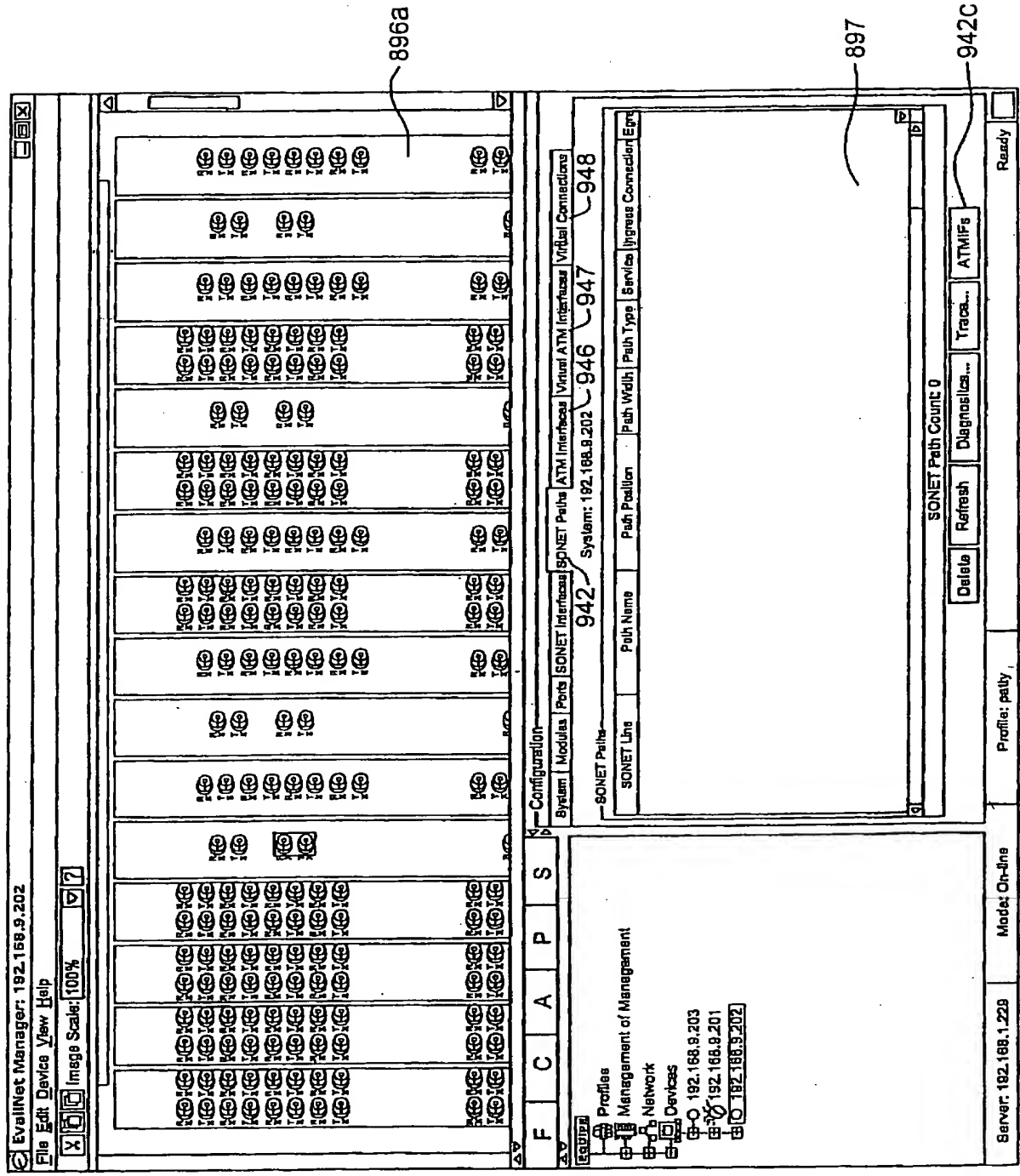


FIG. 4W

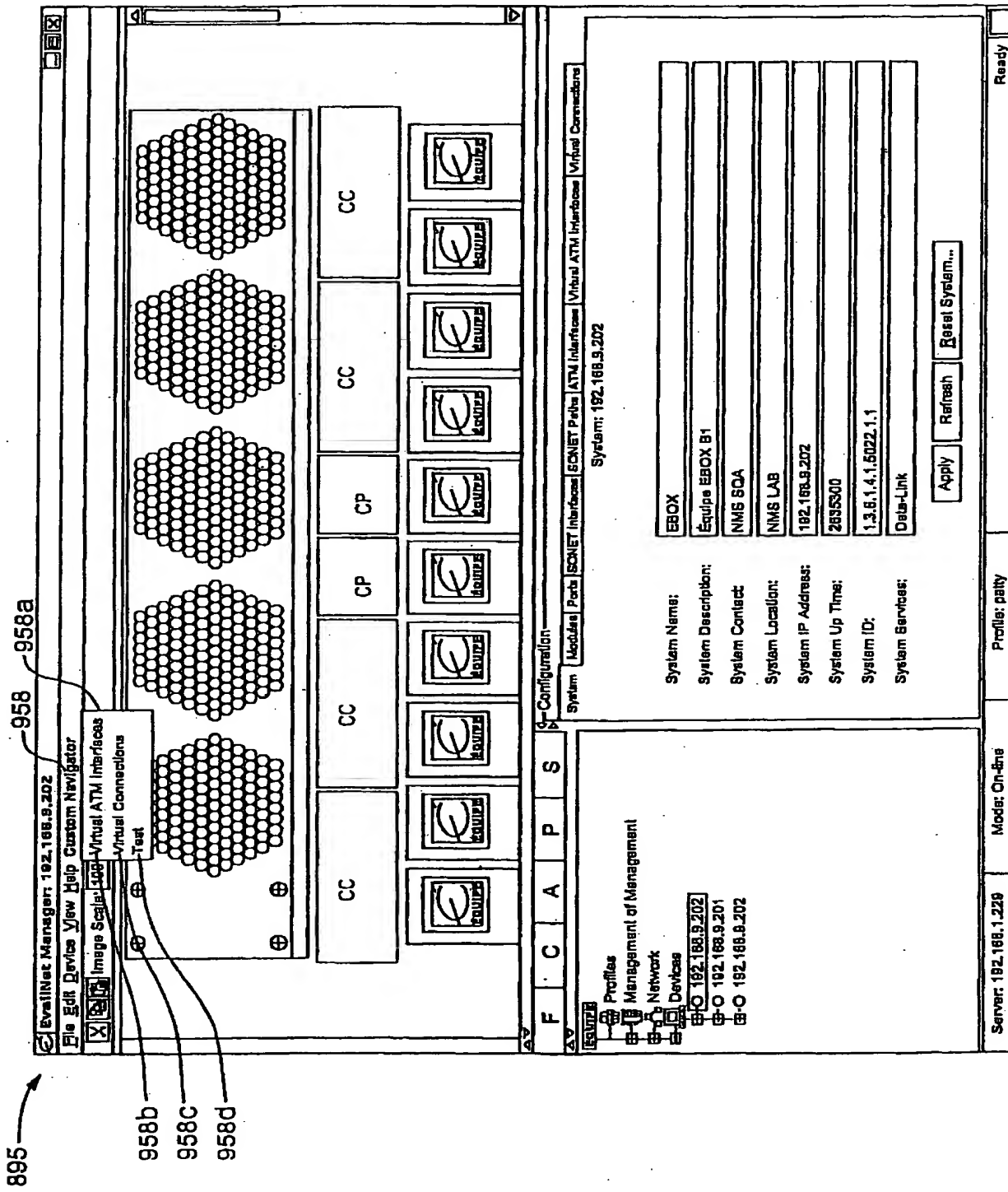


FIG. 4X

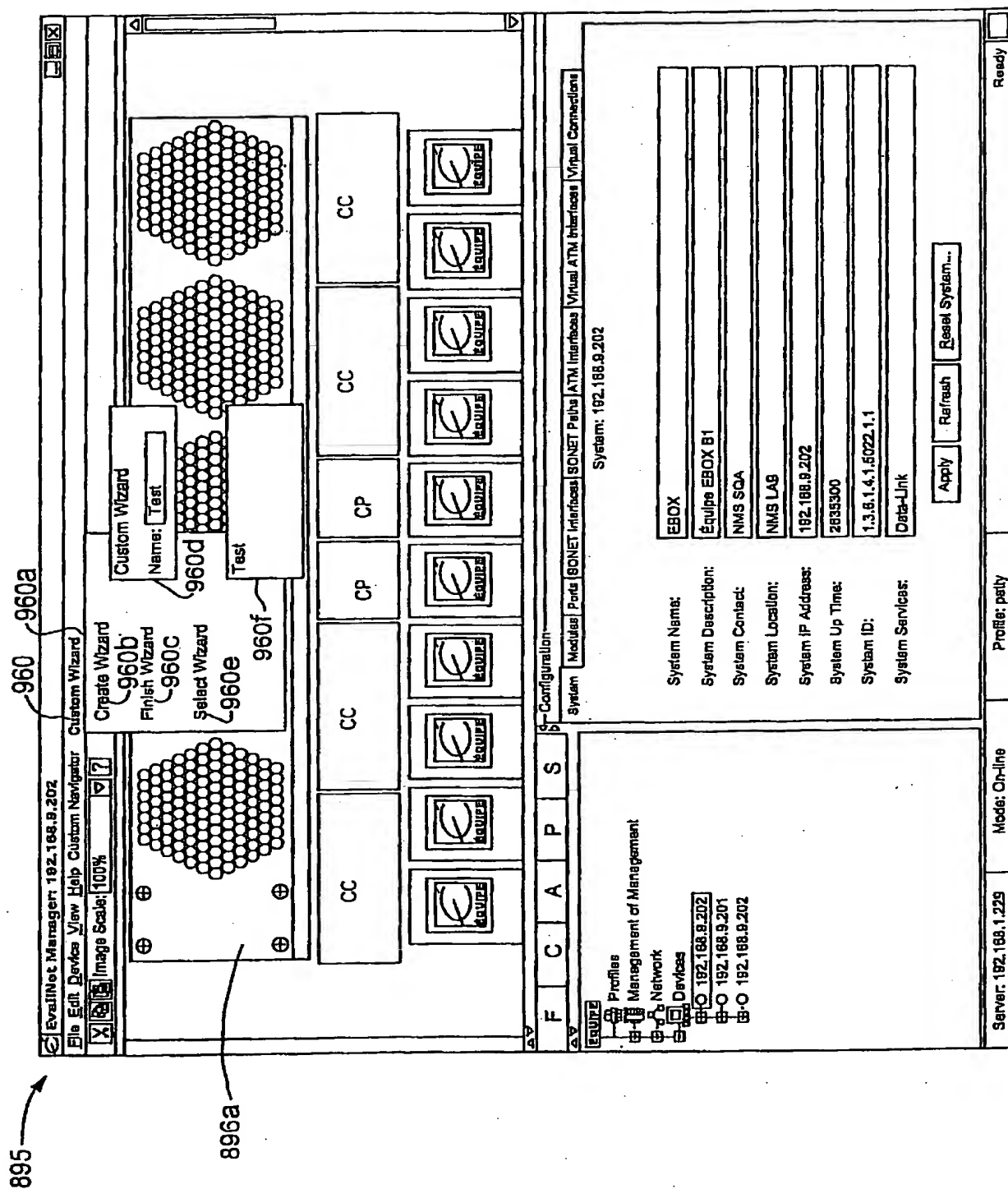


FIG. 4Y

EvaiNet Manager: SONET Path Configuration 11/5/1

System: 192.168.9.202

SONET Line

Slot Port Type

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

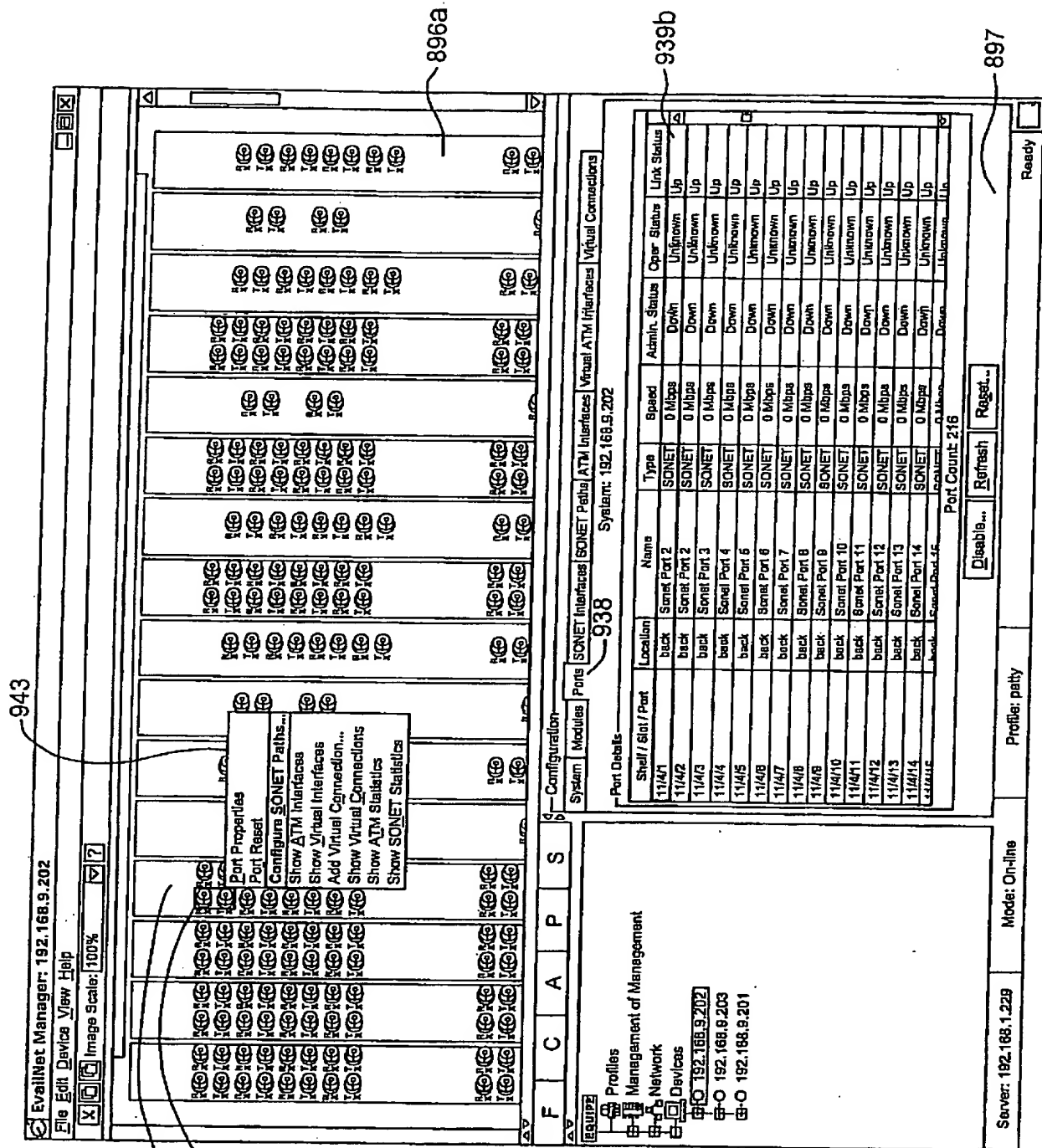
☐ Configure

☐ Custom Configuration

4 STS-12c paths

Next Cancel

FIG. 4Z



EvaiiNet Manager: SONET Path Configuration - 11/4/1

X

SONET Line

System: 192.168.9.202

Slot

4

Port

1

Type

OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☐ Configure

☐ Custom Configuration

4

paths

STS-3c

OK

Cancel

FIG. 5B

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4

Port 1

Type OC12

SONET Path Wizard

☒ Configure a single concatenated path (STS-12c)

☐ Configure

4

STS-3c

paths

☐ Custom Configuration

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/4/1	1	STS-12c	Termin.	ATM		

Modify

Graphical Representation

Position

Width

1

STS-12c

944f

OK

Cancel

944p

944q

FIG. 5C

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4

Port 1

Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)
 ☒ **Configure**
☐ Custom Configuration

4

▽

STS-3c

▽

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/...	1	STS-3c	Termin.	ATM		
11/4/1	Path2_11/...	4	STS-3c	Termin.	ATM		
11/4/1	Path3_11/...	7	STS-3c	Termin.	ATM		
11/4/1	Path4_11/...	10	STS-3c	Termin.	ATM		

Modify

OK

Cancel

Graphical Representation

Position

Width

1

4

7

10

STS-3c

STS-3c

STS-3c

STS-3c

FIG. 5D

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot

4

Port

1

Type

OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☒

Configure

☐ Custom Configuration

1

944s

944t

STS-12c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wl.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/...	1	STS-12c	Termin.	ATM		

944p

Modify

Graphical Representation

Position

1

Width

STS-12c

944e

944f

944r

OK

944q

Cancel

FIG. 5E

EvallNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot **4** Port **1** Type **OC12**

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☒ Custom Configuration

Functions

Available SONET Paths

STS-3c 944i

Allocated SONET Paths

STS-3c ~ 944i
STS-3c ~ 944m
STS-3c
STS-3c
944j

Path Table

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
11/4/1	Path1_11/...	1	STS-3c	Terminated	ATM		
11/4/1	Path2_11/...	4	STS-3c	Terminated	ATM		
11/4/1	Path3_11/...	7		Terminated	ATM		

Graphical Representation

Position Width

1 4

STS-3c STS-3c

944e 944f

Buttons: OK, Cancel

FIG. 5F

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4

Port 1

Type OC12

Path Table

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
Shelf11/Sl...	Path1_11/...	1	3	2	1		
Shelf11/Sl...	Path2_11/...	4	3	2	1		

944p

Modify

Add

Delete

Graphical Representation

Position

Width

1

4

STS-3c

STS-3c

945a

945g

945e

945f

945k

945m

945n

945r

945

FIG. 5G

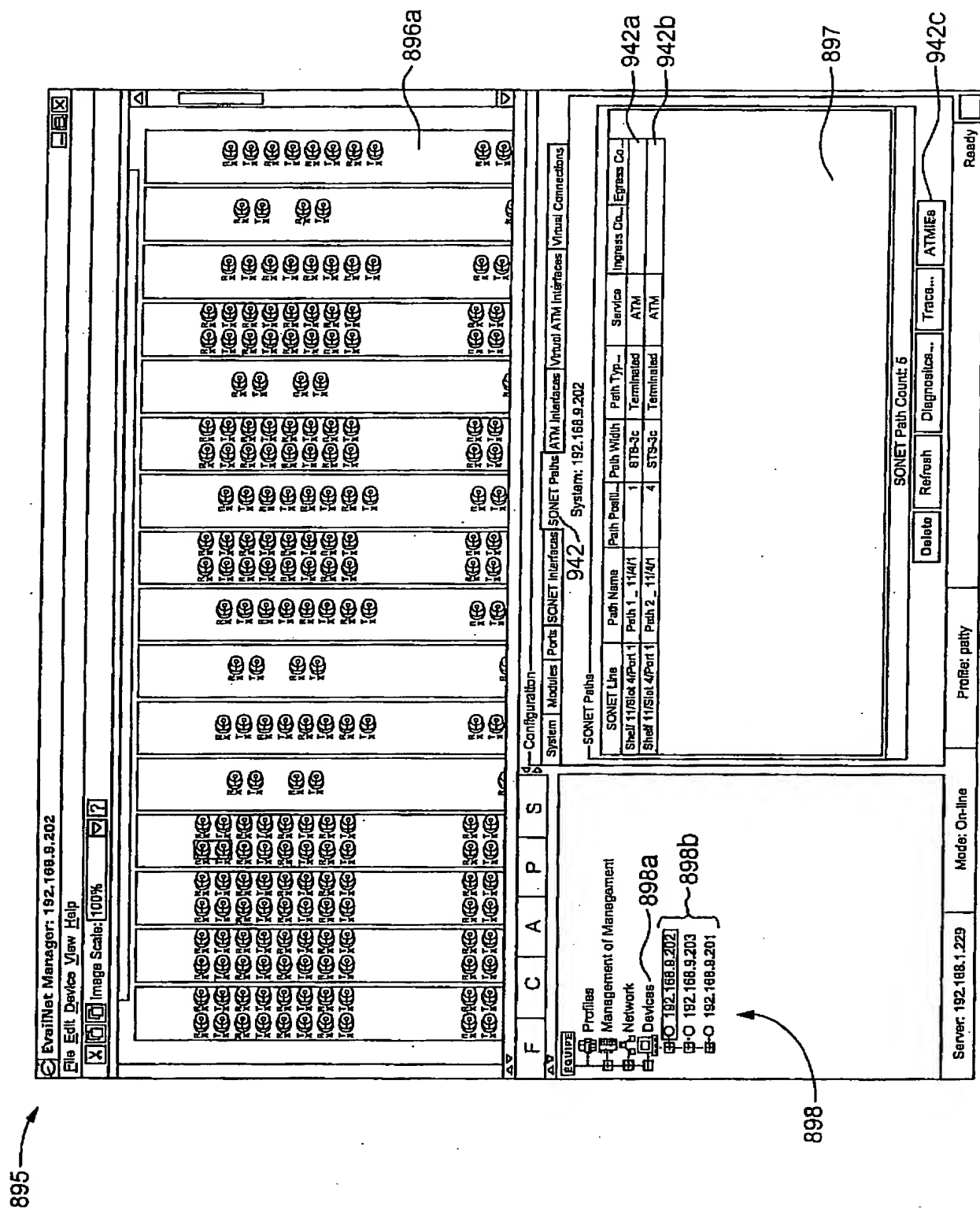


FIG. 5H



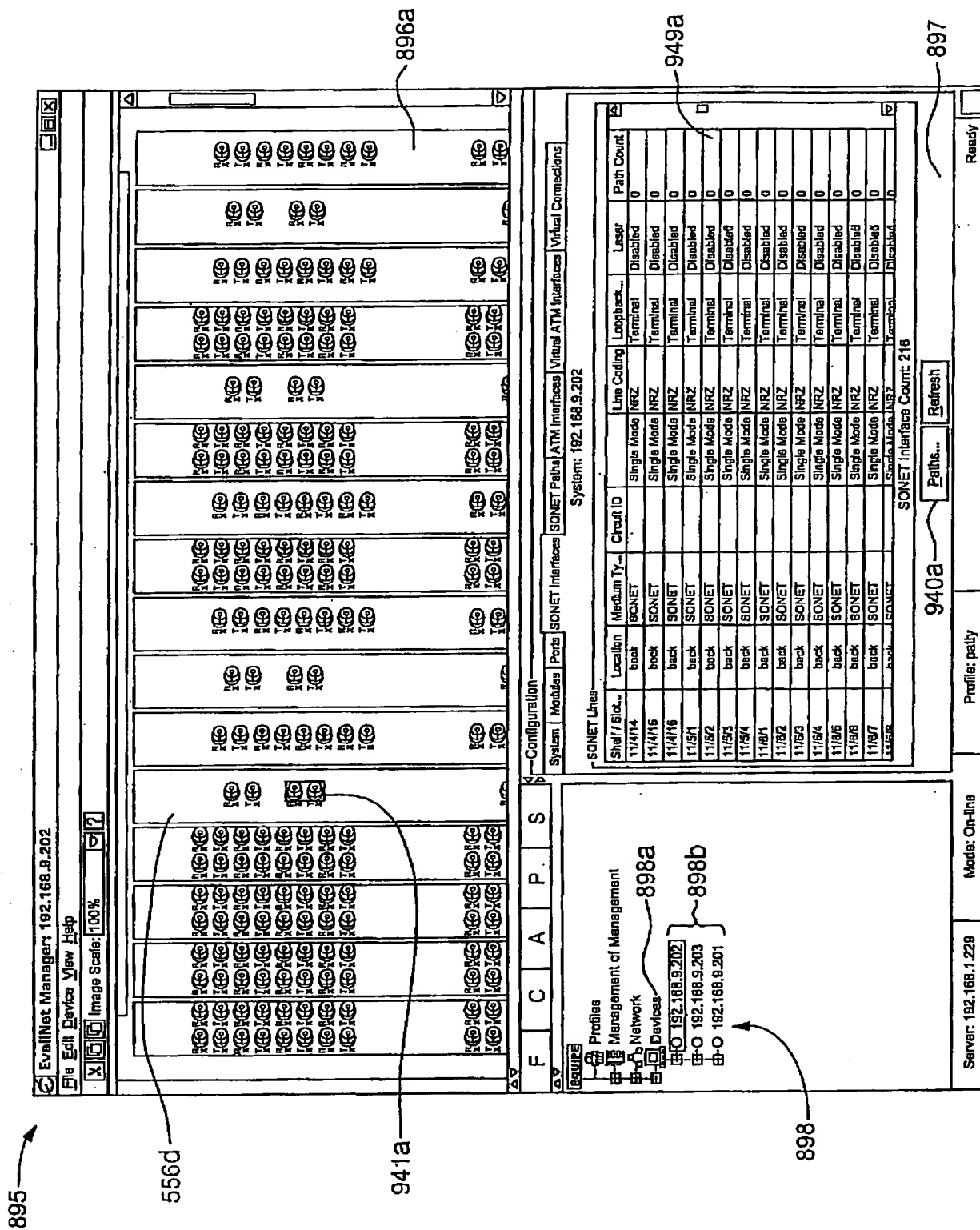


FIG. 5J

EvaiNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5

Port 2

Type OC48

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

☐ Configure

☐ Custom Configuration

4

▽ STS-12c

▽ paths

Ok

Cancel

FIG. 5K

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5

Port 2

Type OC48

SONET Path Wizard

☒ Configure a single concatenated path (STS-48c)

☐ Configure

☐ Custom Configuration

4

STS-12c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/5/2	1	STS-48c	Termin.	ATM		

Modify

Graphical Representation

Position

Width

1

STS-48c

944p

944r

OK

Cancel

944q

FIG. 5L

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5

Port 2

Type OC48

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

☒

Configure

☐ Custom Configuration

4

▽

STS-12c

▽

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wl.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-12c	Termin.	ATM		
11/5/2	Path2_11/...	13	STS-12c	Termin.	ATM		
11/5/2	Path3_11/...	25	STS-12c	Termin.	ATM		
11/5/2	Path4_11/...	37	STS-12c	Termin.	ATM		

Modify

OK

Cancel

Graphical Representation

Position

Width

1

13

25

37

STS-12c

STS-12c

STS-12c

STS-12c

FIG. 5M

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5

Port 2

Type OC48

SONET Path Wizard

Configure a single concatenated path (STS-48c)

Configure

Custom Configuration

1

1

4

16

STS-48c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-48c	Termin.	ATM		

Modify

Graphical Representation

Position

Width

1

STS-48c

944r

944s

944t

944p

944e

944f

944q

FIG. 5N

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot

5

Port

2

Type

OC48

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

☒

Configure

☐ Custom Configuration

16

▽

STS-3c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/5/2	1	STS-3c	Termin.	ATM		△
11/5/2	Path2_11/5/2	4	STS-3c	Termin.	ATM		
11/5/2	Path3_11/5/2	7	STS-3c	Termin.	ATM		
11/5/2	Path4_11/5/2	10	STS-3c	Termin.	ATM		
11/5/2	Path5_11/5/2	13	STS-3c	Termin.	ATM		
11/5/2	Path6_11/5/2	16	STS-3c	Termin.	ATM		
11/5/2	Path7_11/5/2	19	STS-3c	Termin.	ATM		▽

Modify

OK

Cancel

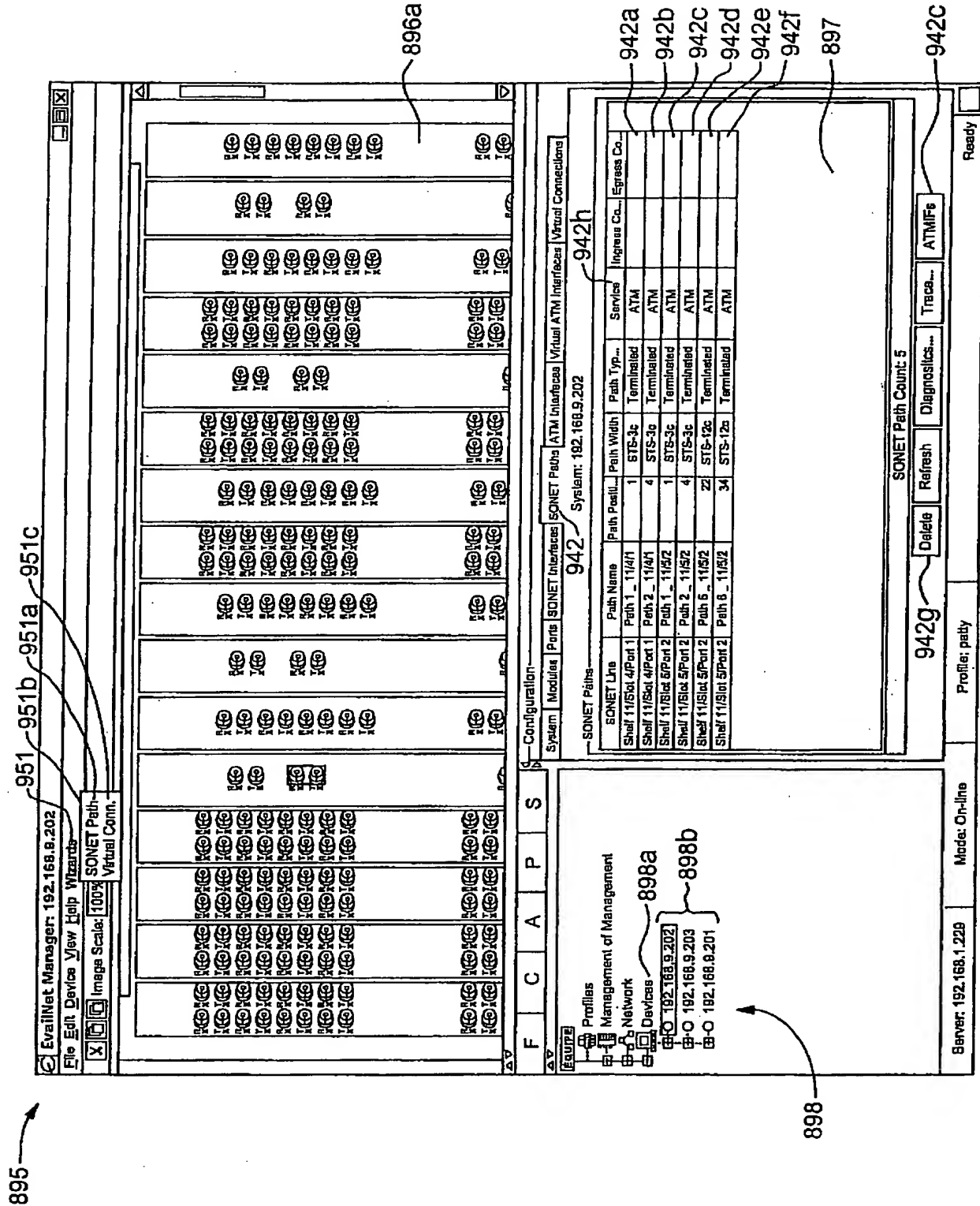
Graphical Representation

Position	Width
1	STS-3c
4	STS-3c
7	STS-3c
10	STS-3c
13	STS-3c
16	STS-3c
19	STS-3c
22	STS-3c
25	STS-3c
28	STS-3c
31	STS-3c
34	STS-3c
37	STS-3c
40	STS-3c
43	STS-3c
45	STS-3c

FIG. 50

FIG. 5P

FIG. 5P



895

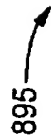


FIG. 5R



FIG. 55

950

Add V-ATM Interface - 192.168.9.202 [X]

Shelf/Slot/Port: 11/4/1 Path Name: Path2_11/4/1

☐ Virtual ATM Interface Parameters

950d	Name	test1
950a	Connection Type	Direct Link
950b	Version	UNI Network 3.1
950c	Admin Status	Up

950e

OK Cancel

FIG. 5T



FIG. 5U

895

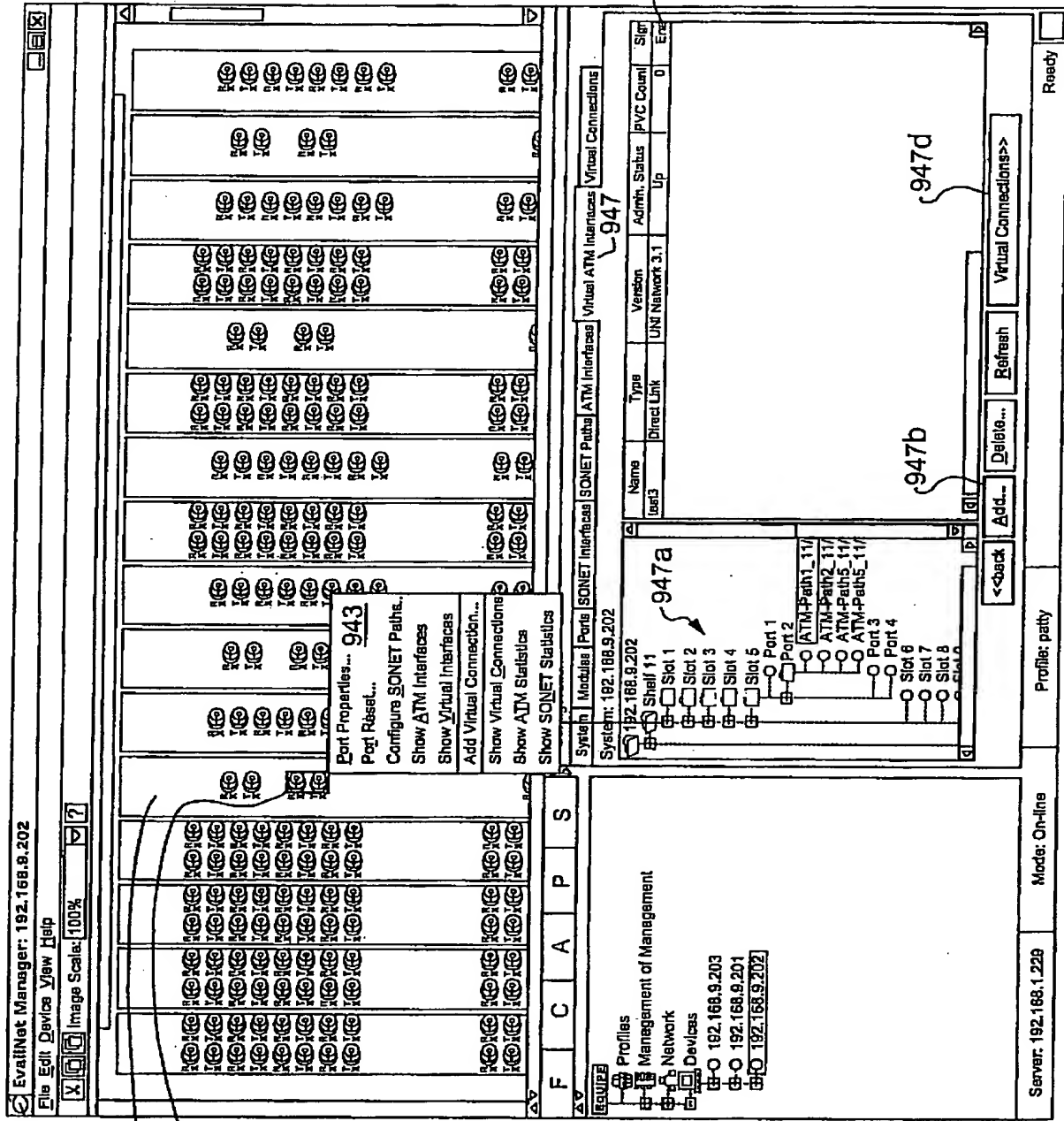


FIG. 5V

952

EvailNet Manager: 192.168.9.202 - Virtual Connection Wizard

Connection Topology

What type of connection do you want?

☒ Point to Point ☐ Point to Multipoint

952a

Connection Type

Do you want to create a Virtual Path or a Virtual Channel?

☒ Virtual Path Connection (VPC) ☐ Virtual Channel Connection (VCC)

☐ Soft (SPVPC/SPVCC)

952b

providing
the optical
on-ramp™

Welcome to
ÉQUIPE Communications

Next>> Cancel

FIG. 5W

953

Source: 192.168.9.202
Destination: 192.168.9.202

953a End Point 1

- Slot 4
 - Port 1
 - ATM-Path1_11/4/1
 - ATM-Path2_11/4/1
 - test1
 - test2
 - Port 2
 - Port 3
 - Port 4

953b

End Point 1

- Slot 3
 - Port 1
 - Port 2
 - ATM-Path1_11/5/2
 - test3
 - ATM-Path2_11/5/2
 - ATM-Path5_11/5/2
- Slot 4
- Slot 5
 - Port 1
 - Port 2

953c

953d

953e Connection Parameters

Connection Name:

Admin Status: 953h

Customer Name:

953f End Point 1 Parameters:

VPI: ☒ Use Any VPI Value 953k

VCI: ☐ Use Any VCI Value 953o

Transmit Traffic Descriptor:

Receive Traffic Descriptor: 953q

☐ Use the same Traffic Descriptor for both Transmit and Receive

953g End Point 2 Parameters:

VPI: ☒ Use Any VPI Value 953l

VCI: ☐ Use Any VCI Value 953p

Transmit Traffic Descriptor:

Receive Traffic Descriptor: 953r

☐ Use the same Traffic Descriptor for both Transmit and Receive 953t

FIG. 5X

956

NEW TRAFFIC
DESCRIPTOR

NAME:

QoS CLASS:

▼

TYPE:

▼

OK

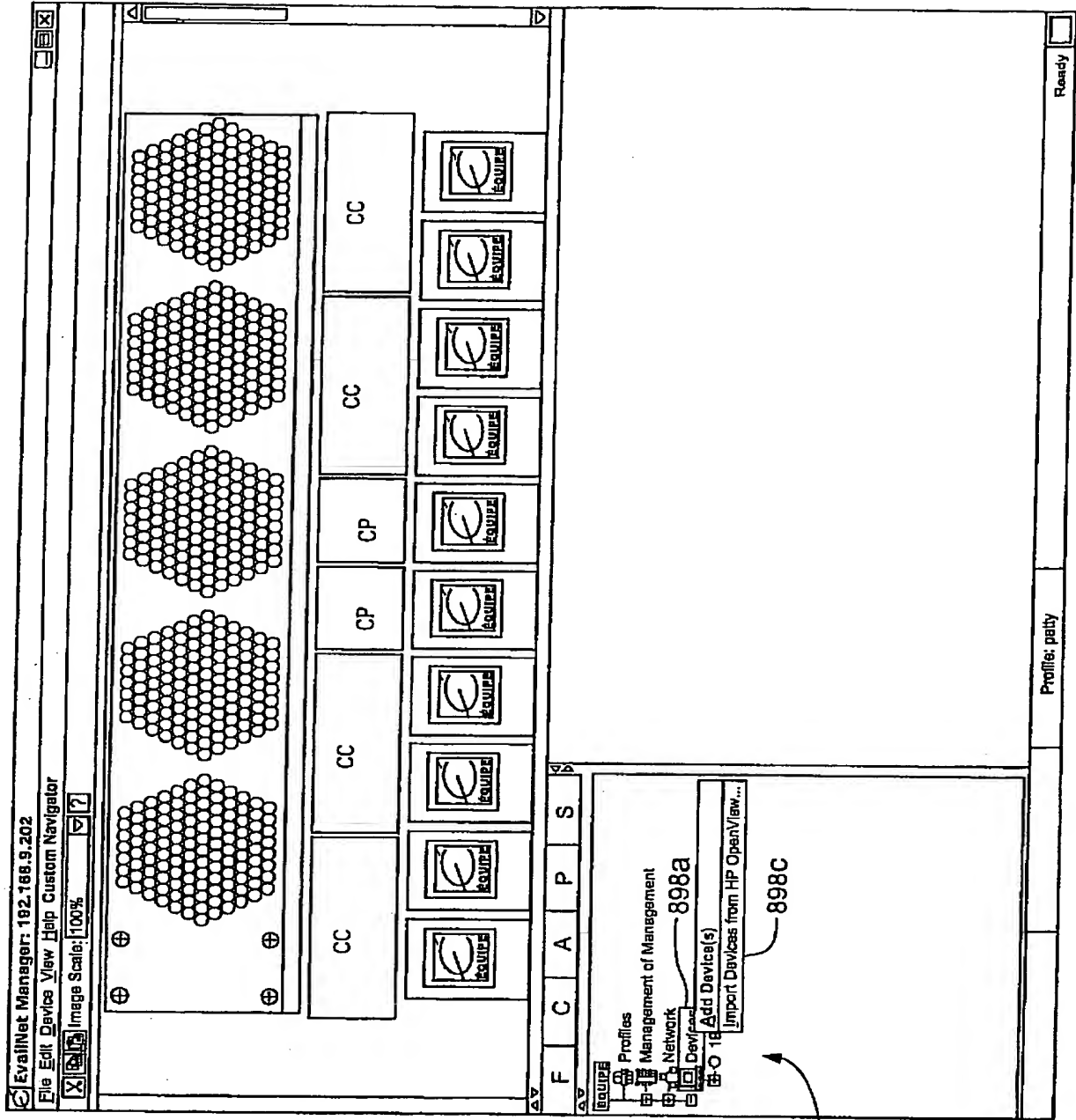
CANCEL

FIG. 5Y



FIG. 5Z

895



898

FIG. 6A

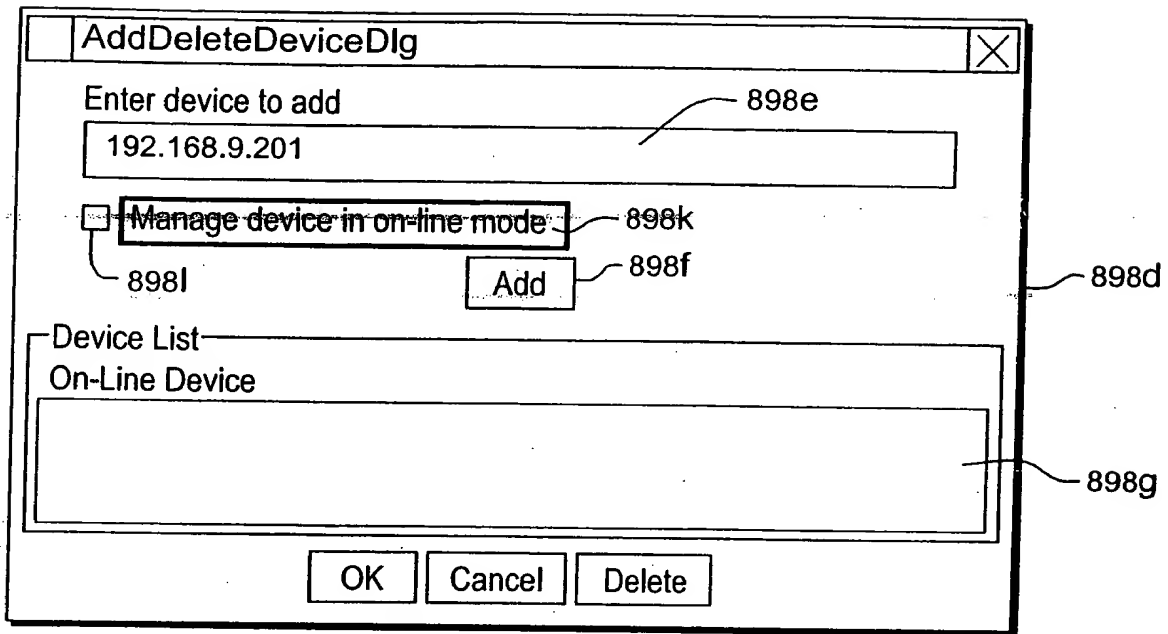


FIG. 6B

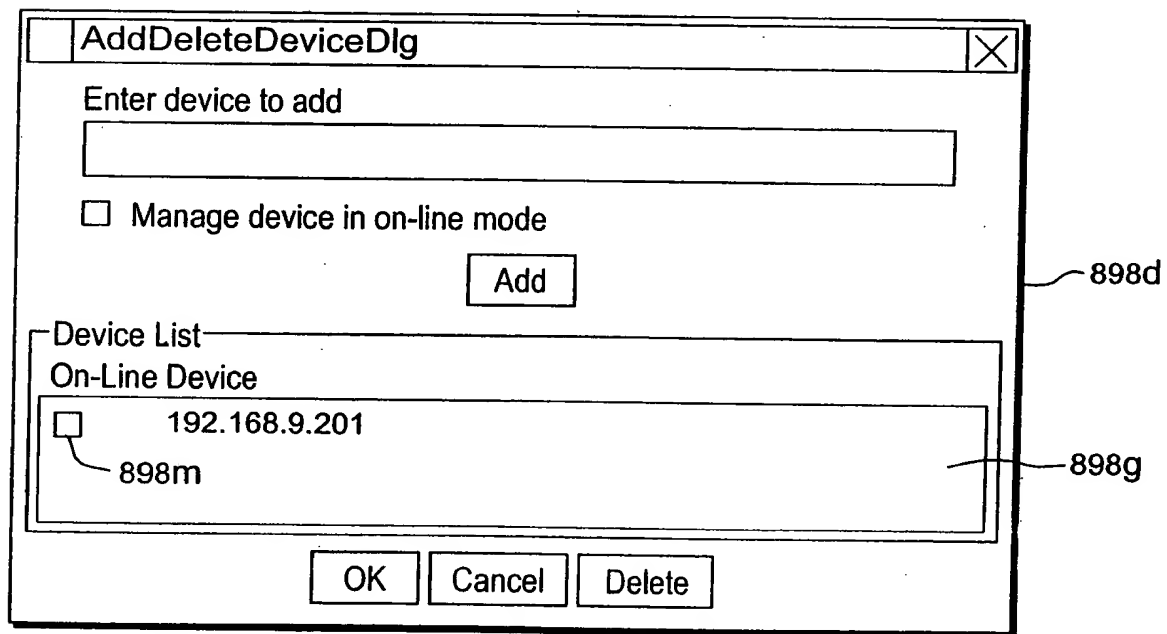


FIG. 6C

895

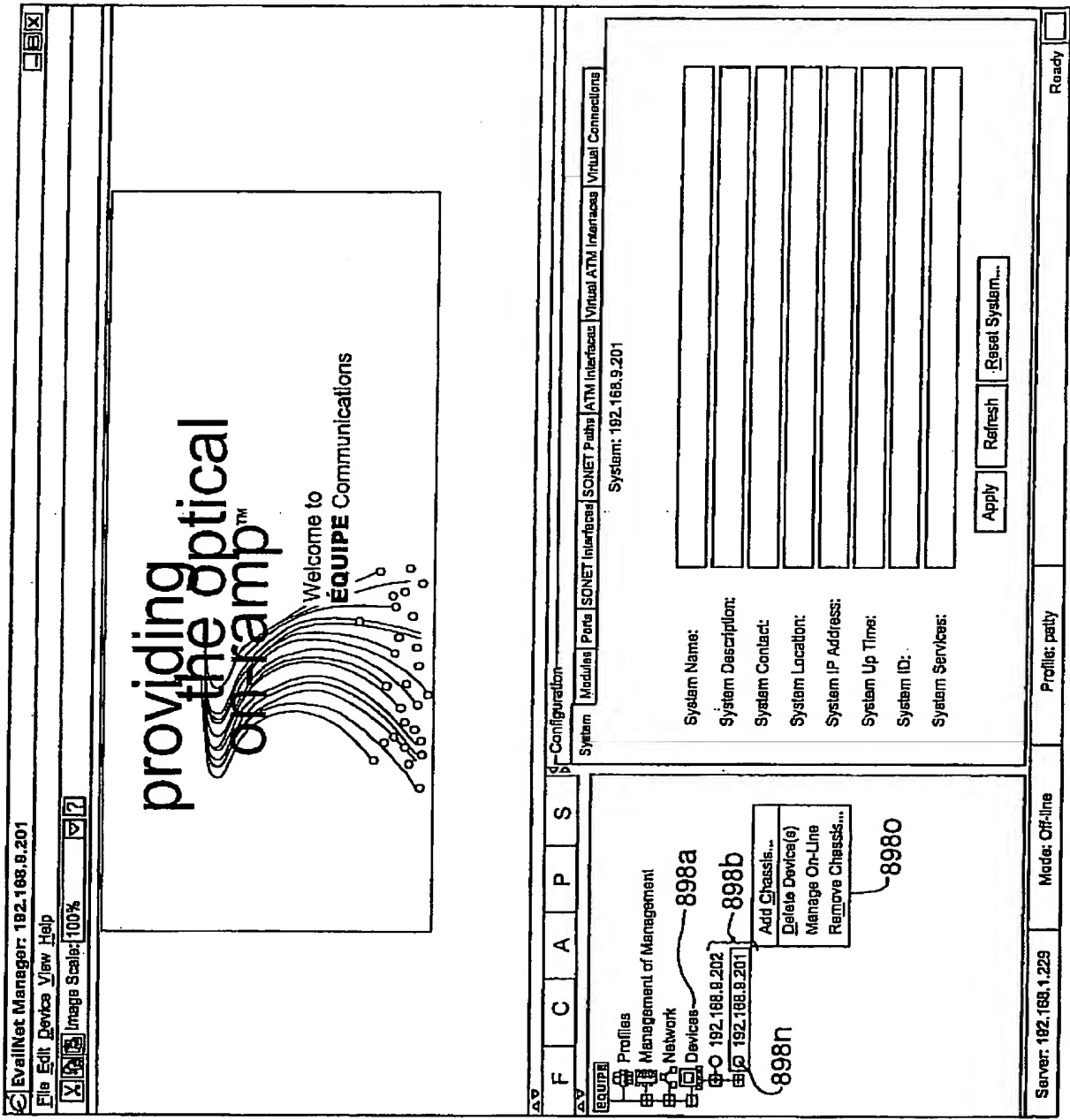


FIG. 6D

895

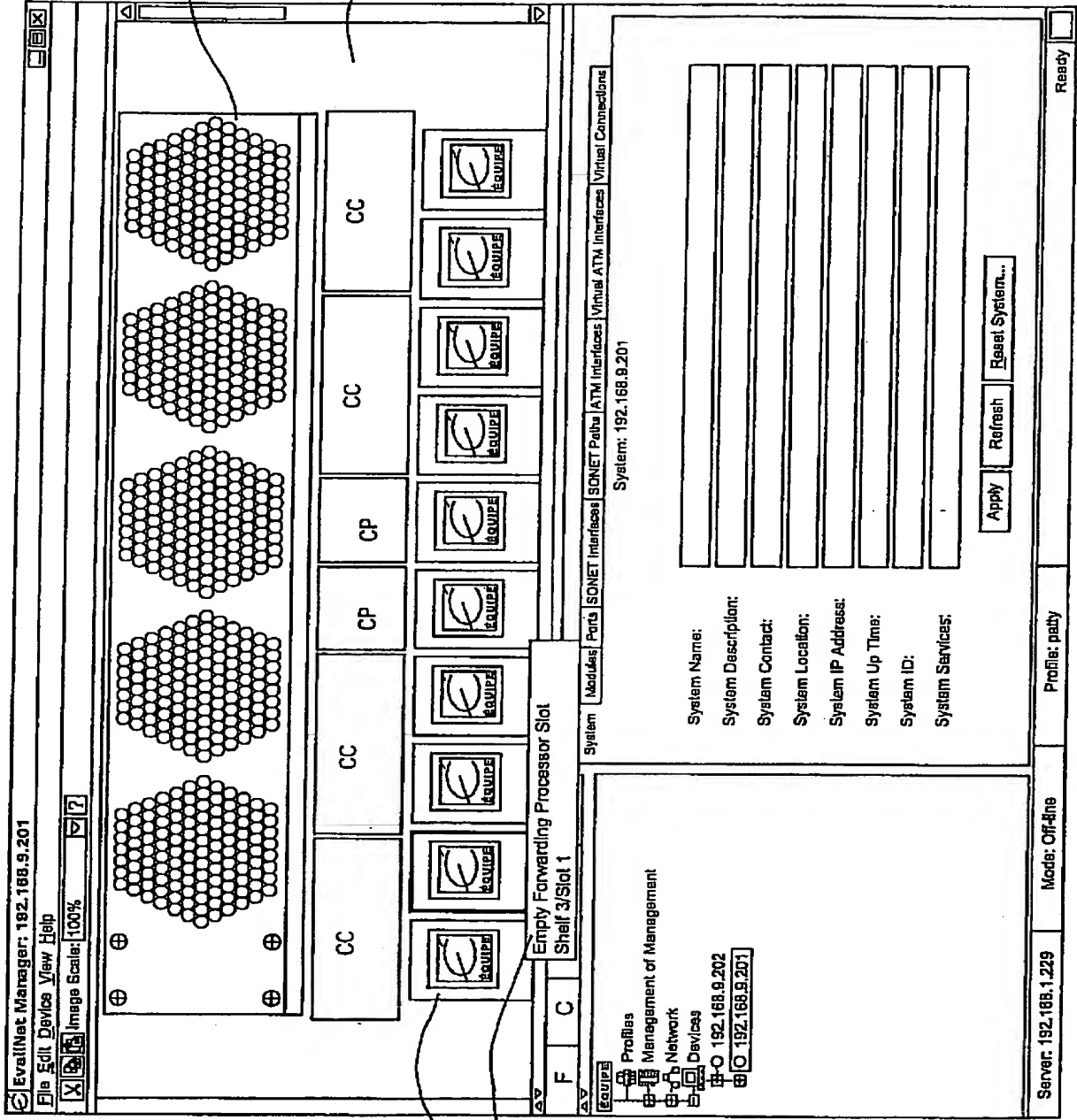
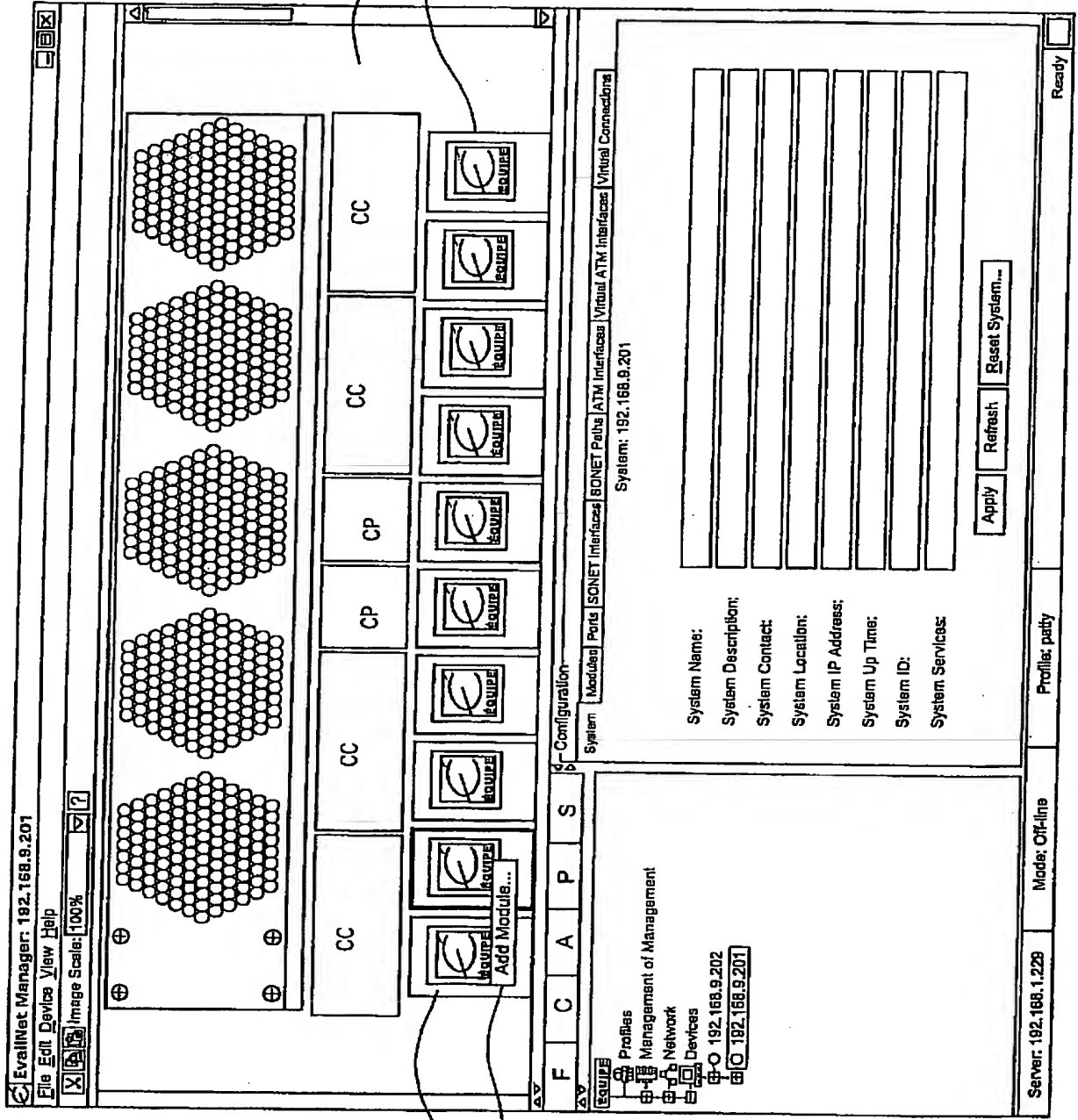


FIG. 6E

895



896c

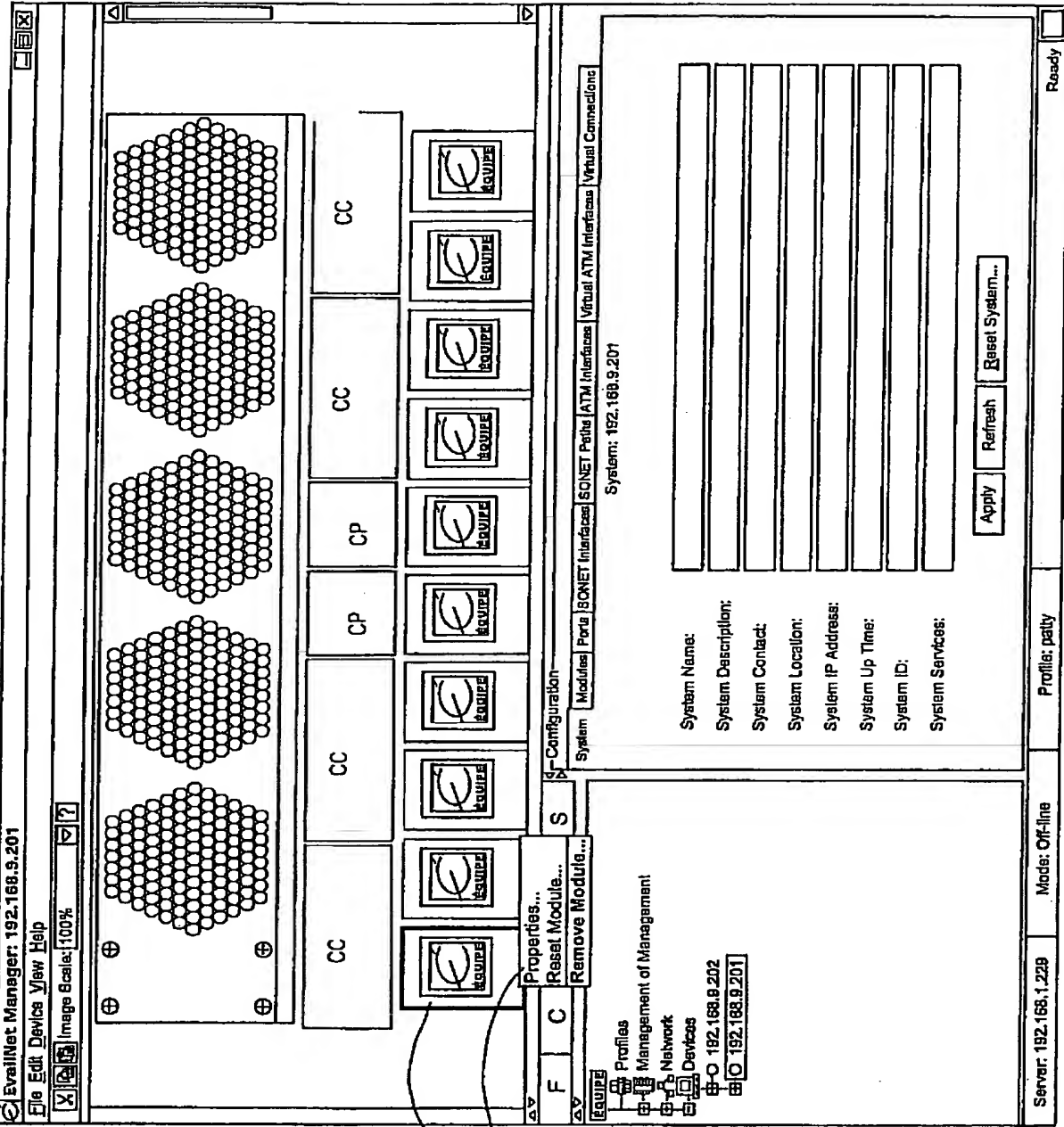
896e

896b

896a

FIG. 6F

895

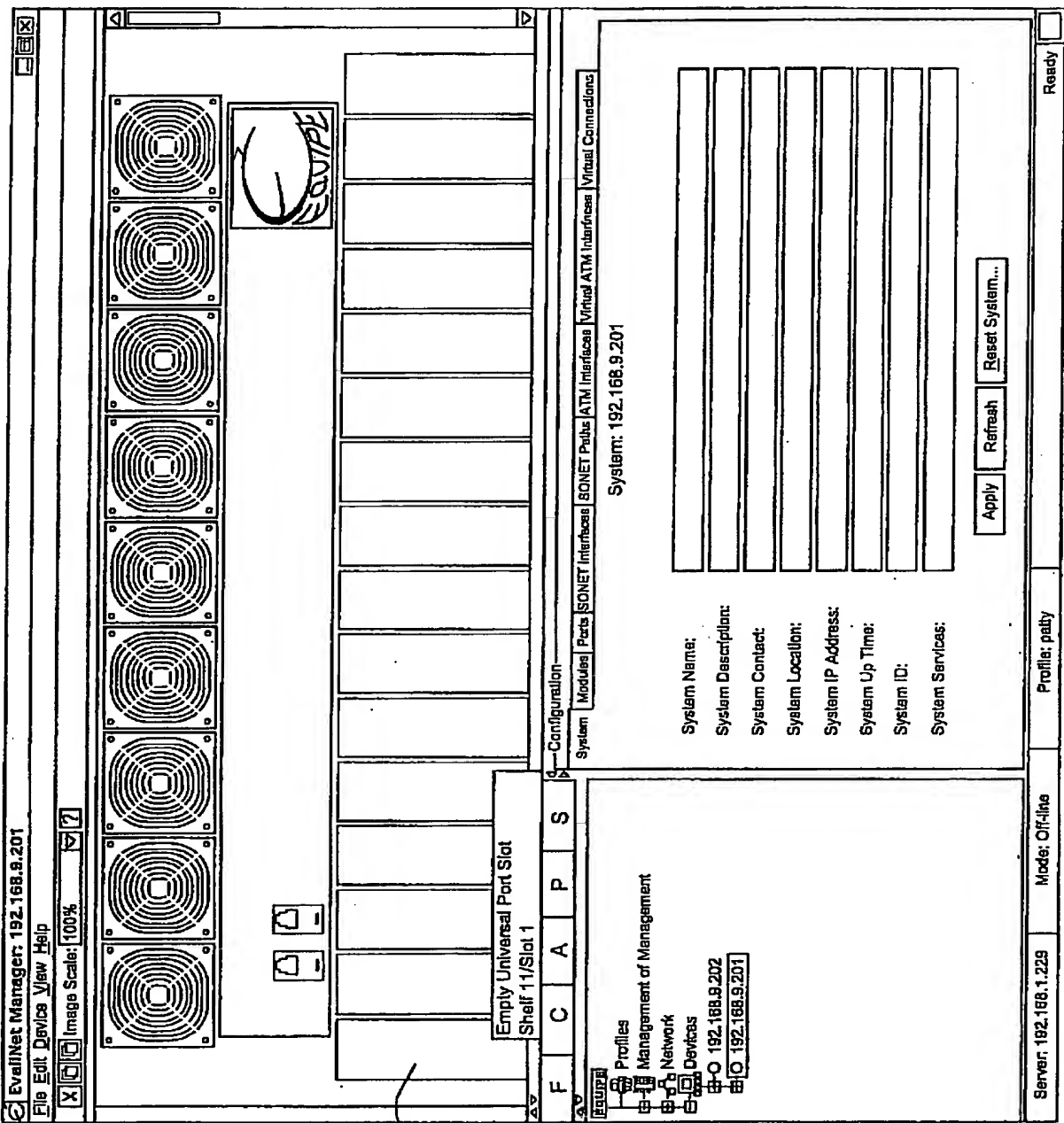


546a

896t

FIG. 6G

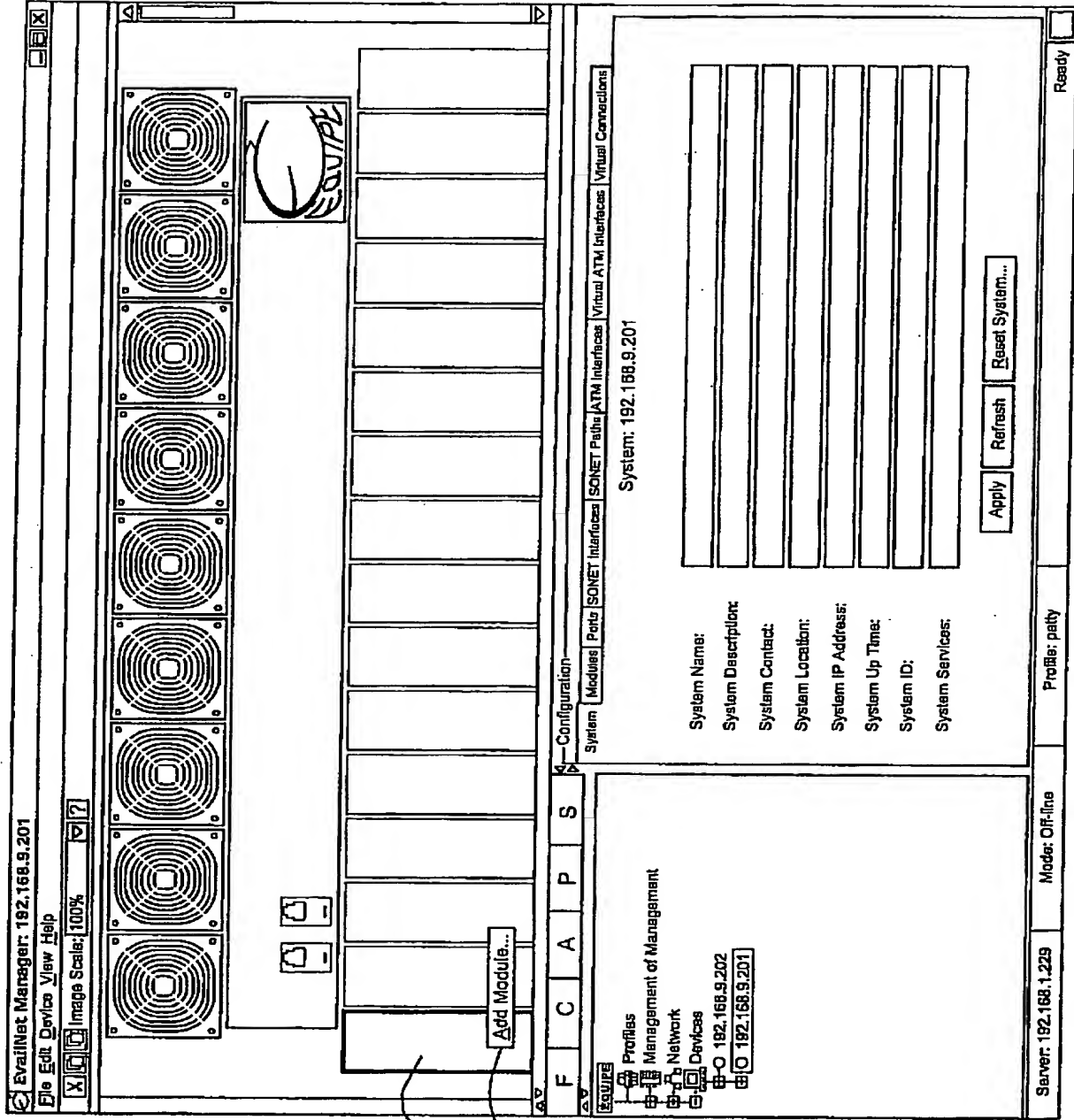
895



896f

FIG. 6H

895



896f

896g

FIG. 61

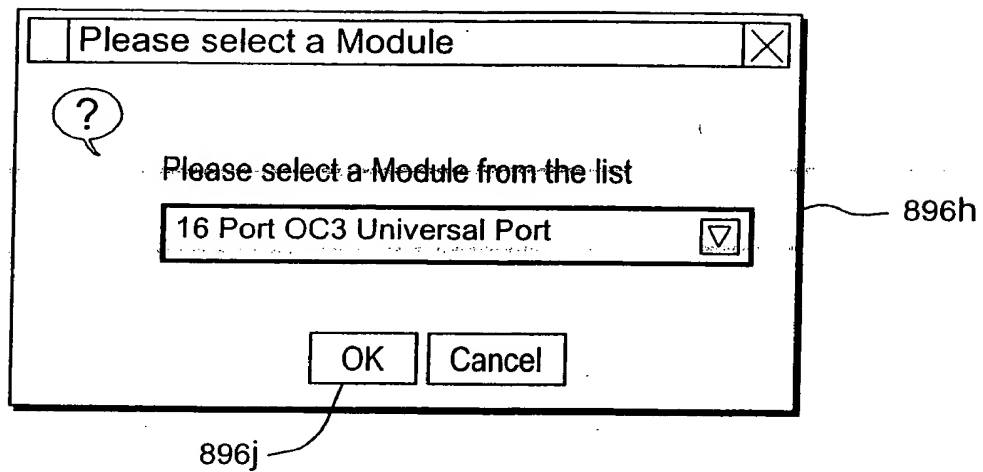


FIG. 6J

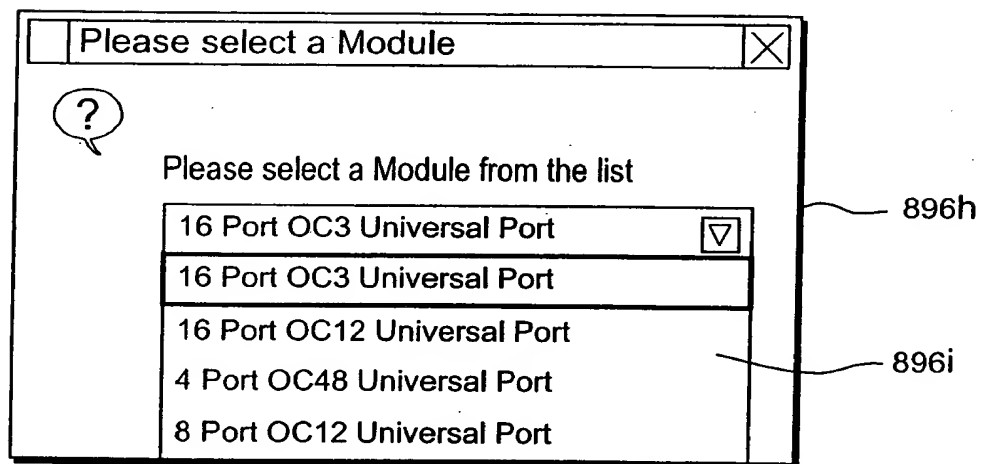
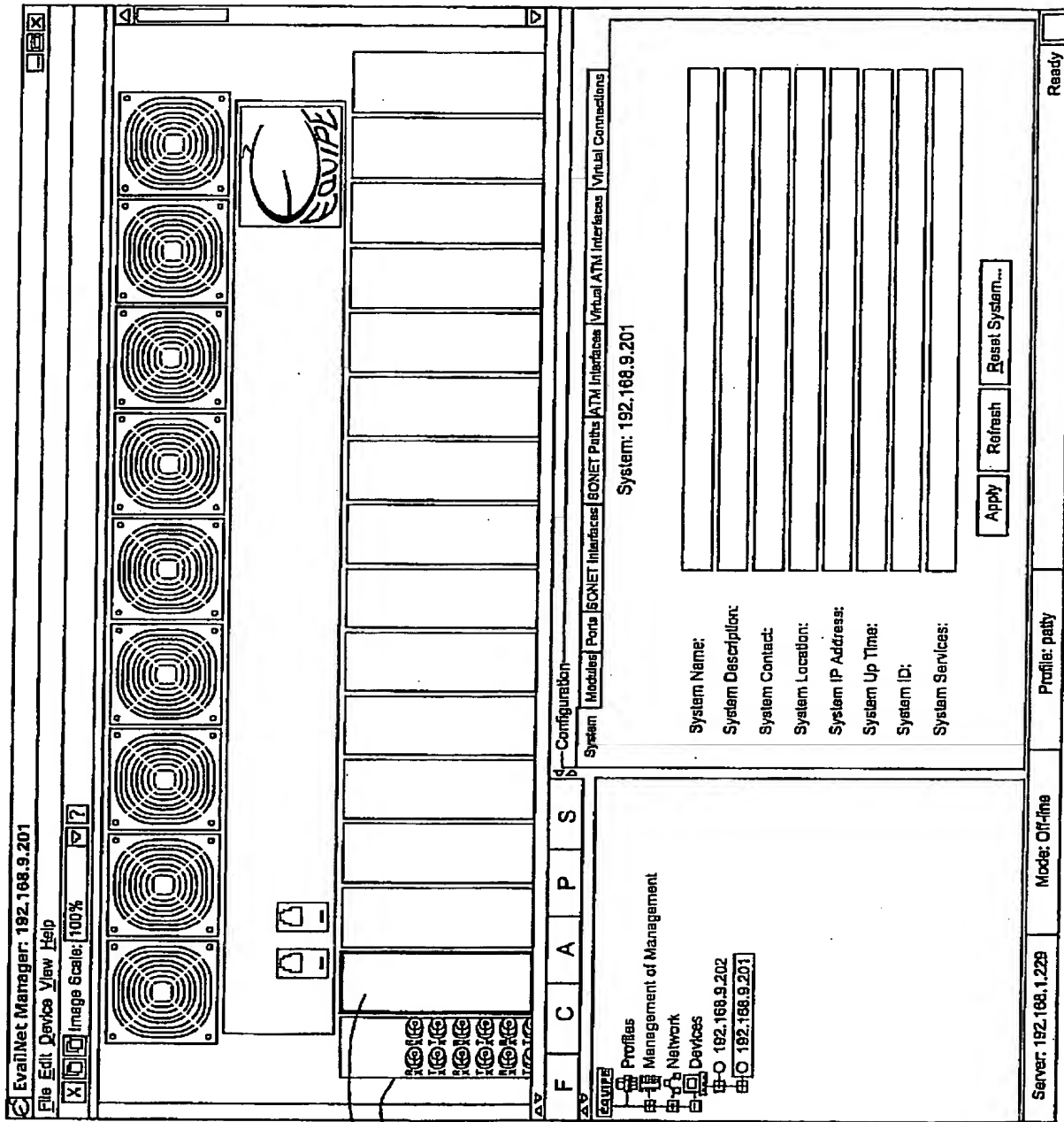


FIG. 6K

895

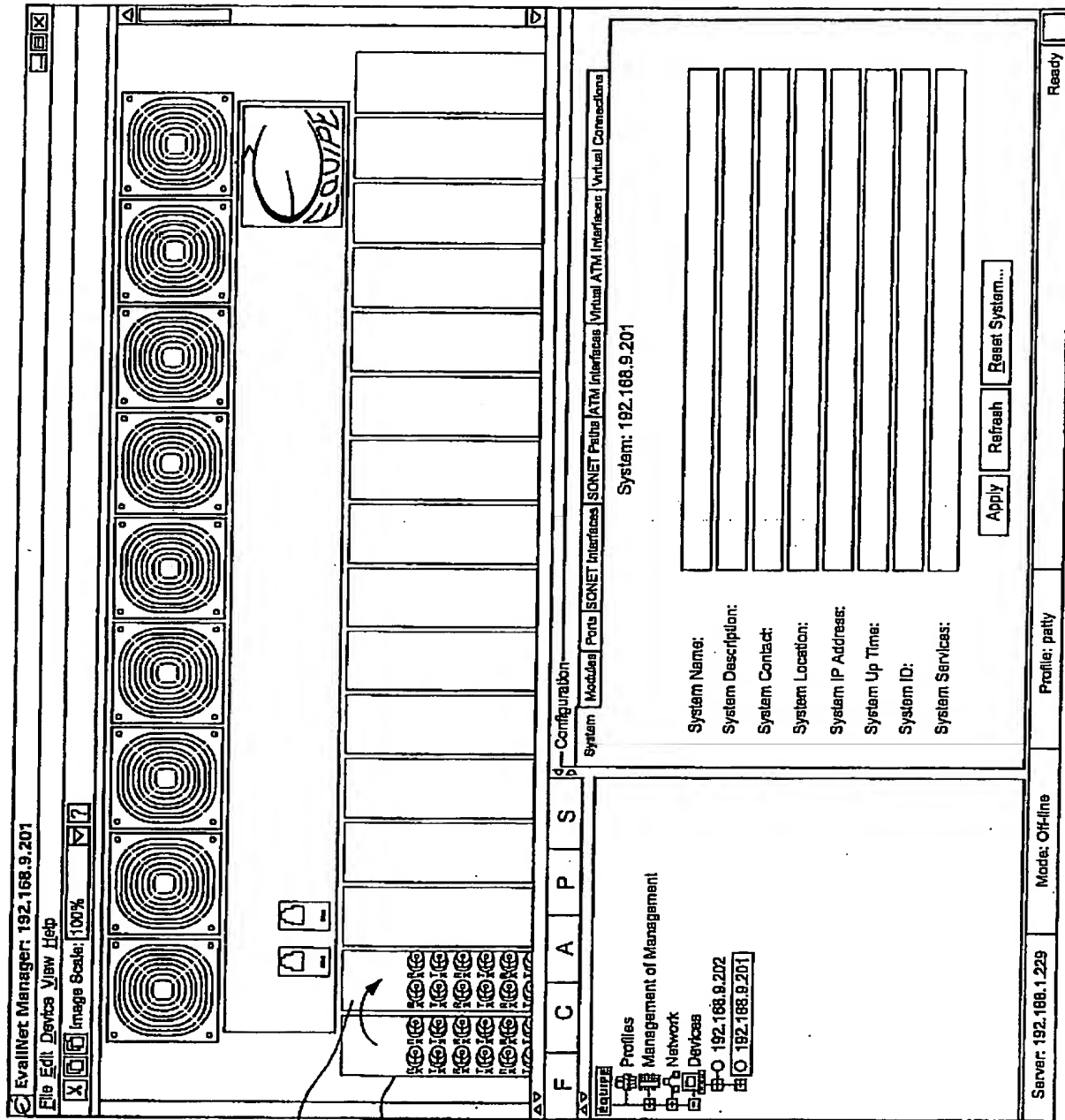


556i

556h

FIG. 6L

895



556g

556h

FIG. 6M

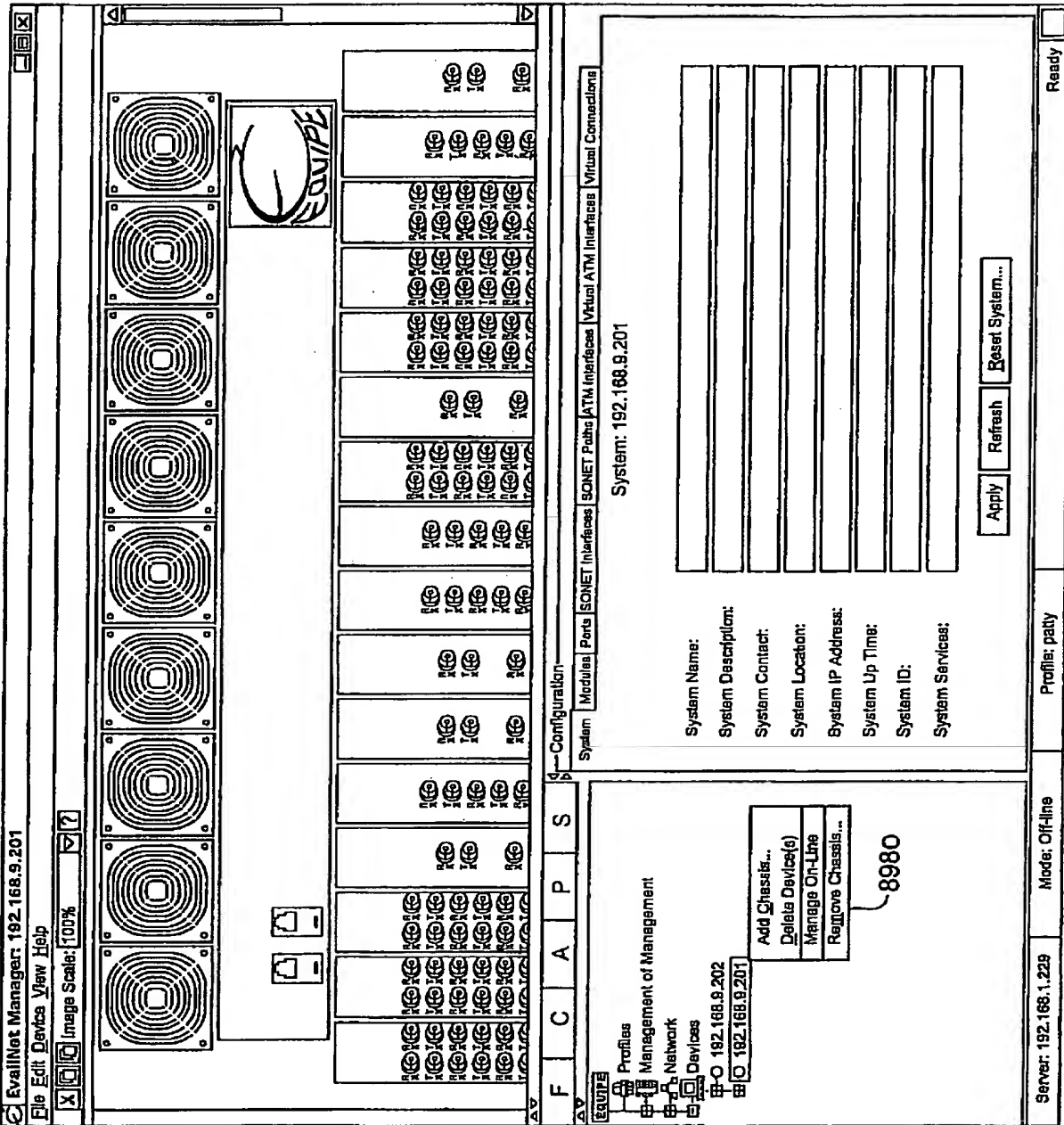


FIG. 6N

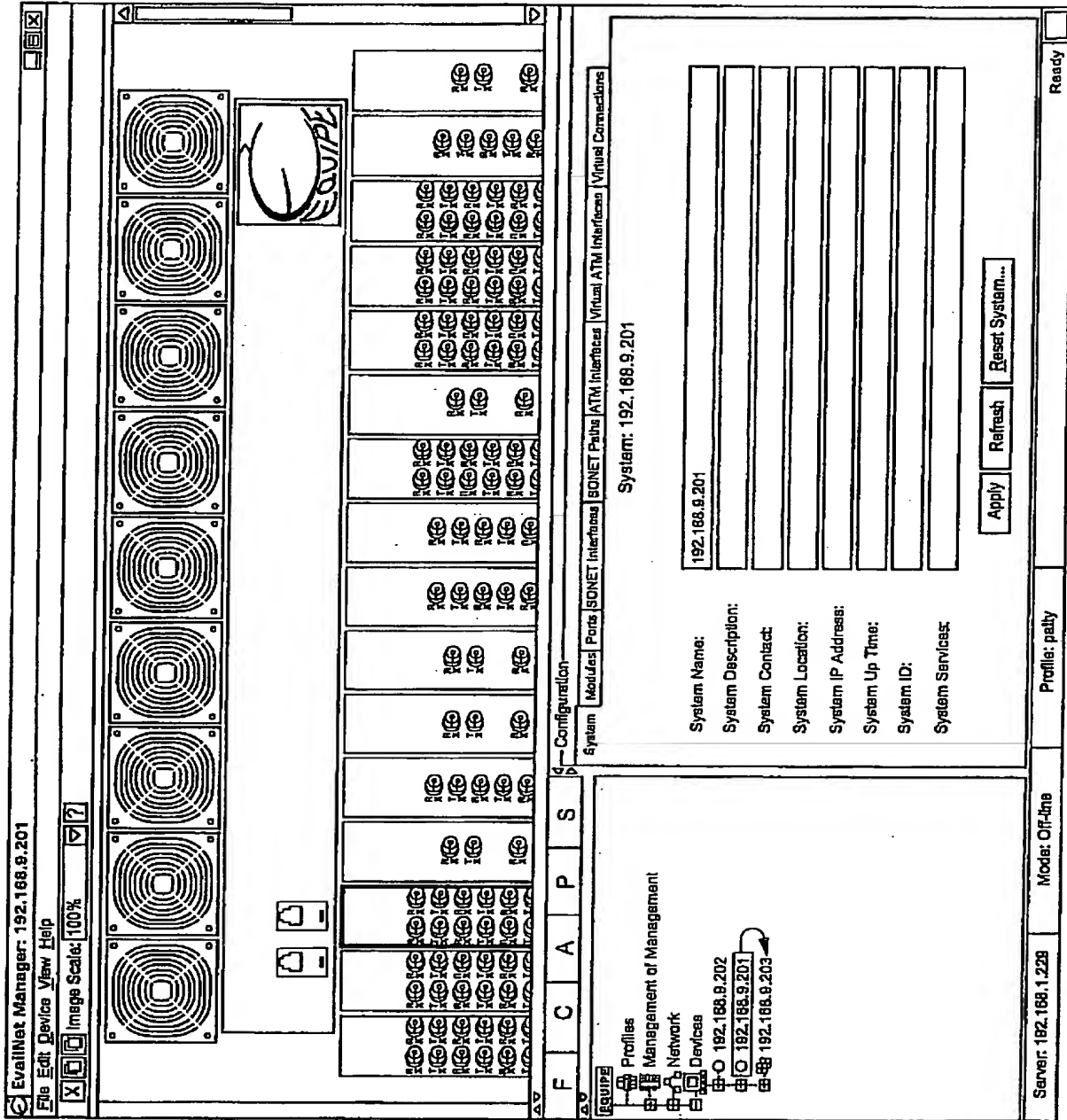


FIG. 60

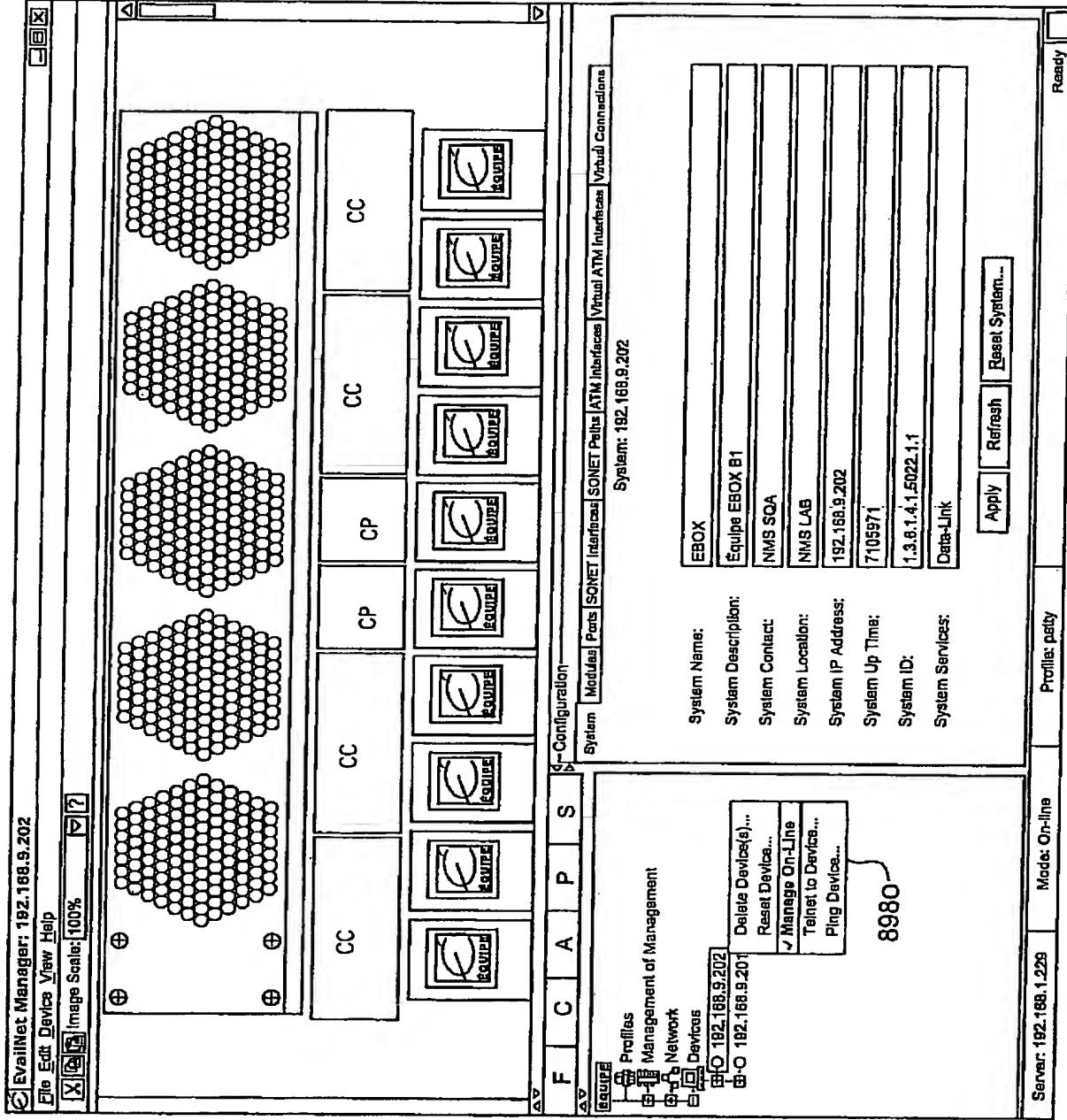
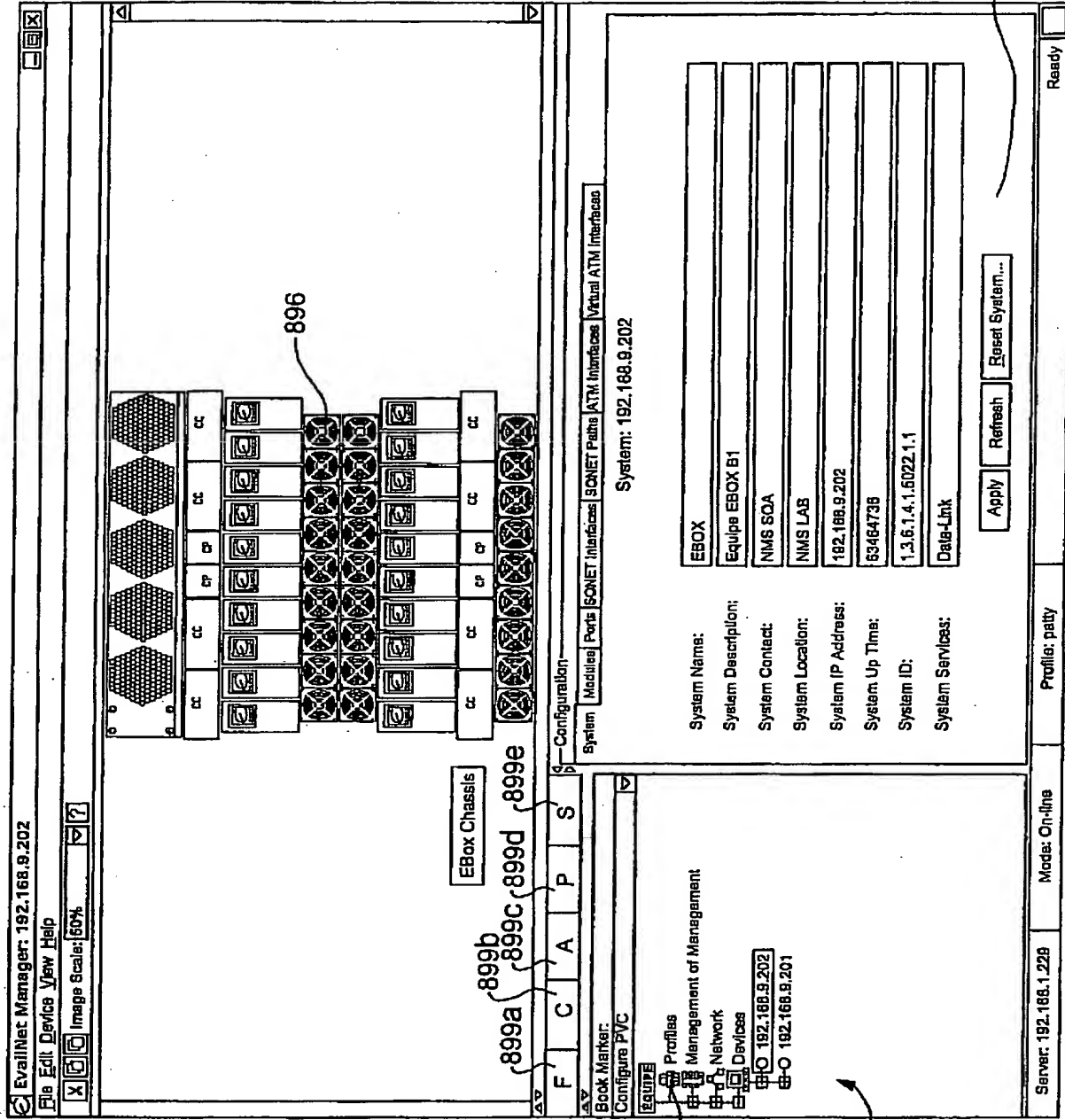


FIG. 6P

895



902

898

897

FIG. 7A

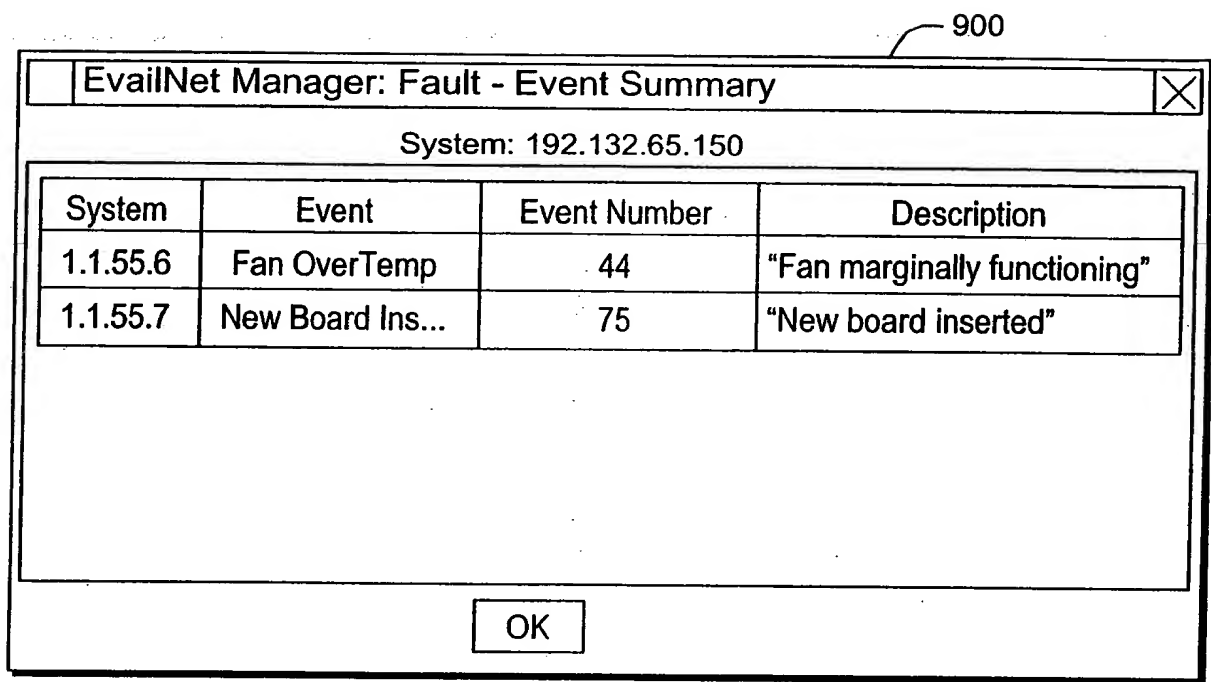


FIG. 7B

EvalNet Manager: 192.168.8.202				
File Edit Device View Help				
X Y Z Image Scale: 50% V ?				
899a	899b	899c	899d	899e
F			P	S
<div style="float: right; width: 150px; text-align: left;"> Security <input type="checkbox"/> SHMP Configuration Changes System: 192.168.8.202 - SHMP Community Strings READ Community: public READ/WRITE Community: public </div> <div style="clear: both;"></div> <div style="margin-top: 10px;"> Command Line Interpreter (CLI) Administrator Password: root </div> <div style="text-align: right; margin-top: 10px;"> <input type="button" value="Apply"/> </div>				
Book Marks Configure PVC Equipment Profiles Management of Management Server: 192.168.8.202 Mode: On-line Profile: Ready				

FIG. 7C

895

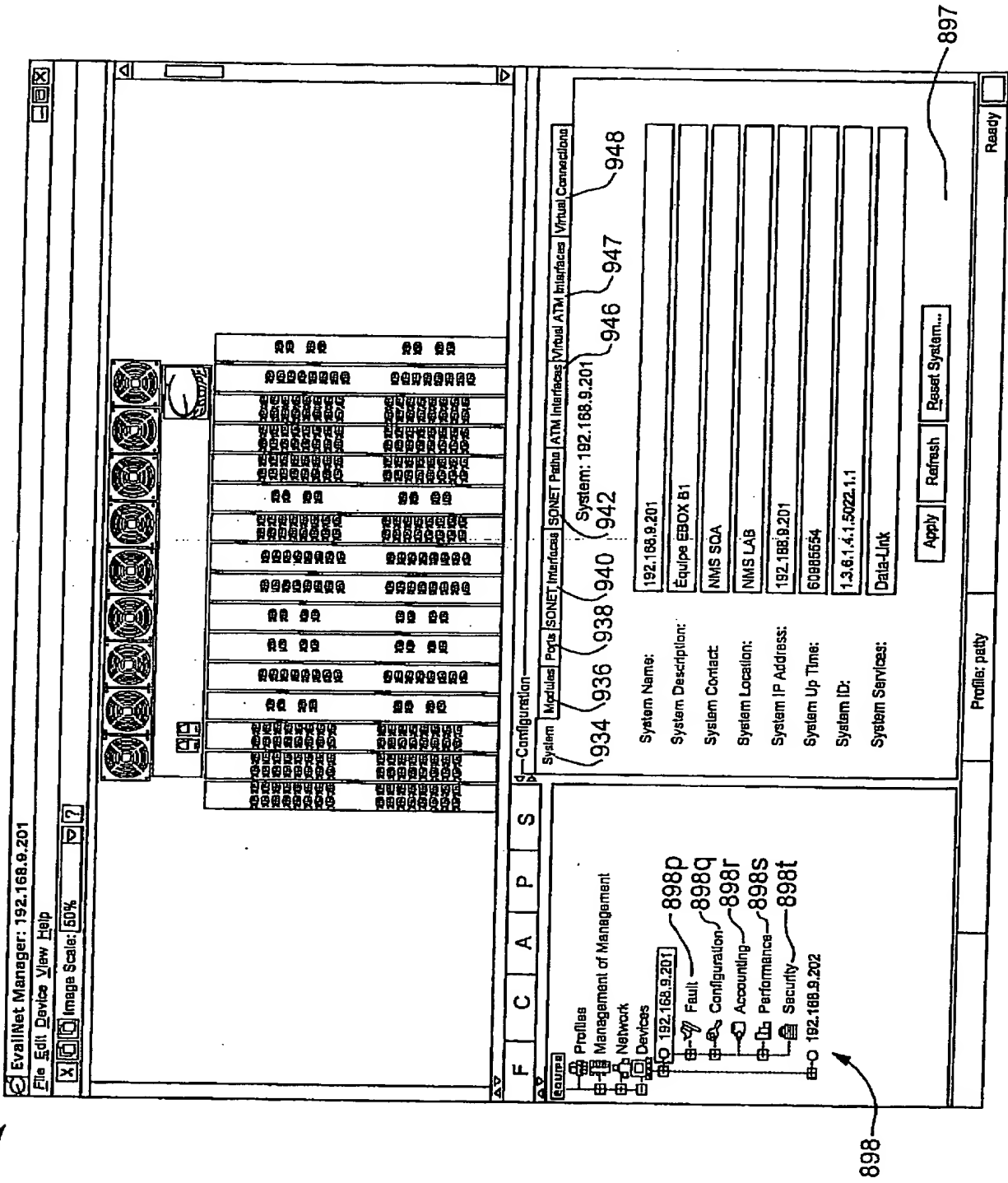


FIG. 7D

FIG. 7E



FIG. 7F

FIG. 7G

The screenshot displays the EvalNet Manager software interface. At the top, the title bar reads "EvalNet Manager: 192.168.9.201". The menu bar includes "File", "Edit", "Device", "View", and "Help". Below the menu bar, there are icons for "Image Scaler" and "50%".

The main window is divided into several sections. On the left, there is a "System" section with a "Configuration" tab. It shows a network diagram with various components labeled with IP addresses and system names. A large "896a" label points to a specific component in the diagram.

On the right, there is a "System" section with a "Configuration" tab. It displays system information for "System: 192.168.9.201". The information includes:

- System Name: 192.168.9.201
- System Description: EquipE EBOX B1
- System Contact: NMS SQA
- System Location: NMS LAB
- System IP Address: 192.168.9.201
- System Up Time: 60985554
- System ID: 1.3.6.1.4.1.5022.1.1
- System Services: Data-Link

At the bottom, there is a "System" section with a "Configuration" tab. It displays system information for "System: 192.168.9.201". The information includes:

- System Name: 192.168.9.201
- System Description: EquipE EBOX B1
- System Contact: NMS SQA
- System Location: NMS LAB
- System IP Address: 192.168.9.201
- System Up Time: 60985554
- System ID: 1.3.6.1.4.1.5022.1.1
- System Services: Data-Link

On the far right, there is a "System" section with a "Configuration" tab. It displays system information for "System: 192.168.9.201". The information includes:

- System Name: 192.168.9.201
- System Description: EquipE EBOX B1
- System Contact: NMS SQA
- System Location: NMS LAB
- System IP Address: 192.168.9.201
- System Up Time: 60985554
- System ID: 1.3.6.1.4.1.5022.1.1
- System Services: Data-Link

At the bottom right, there is a "System" section with a "Configuration" tab. It displays system information for "System: 192.168.9.201". The information includes:

- System Name: 192.168.9.201
- System Description: EquipE EBOX B1
- System Contact: NMS SQA
- System Location: NMS LAB
- System IP Address: 192.168.9.201
- System Up Time: 60985554
- System ID: 1.3.6.1.4.1.5022.1.1
- System Services: Data-Link

At the bottom right, there is a "System" section with a "Configuration" tab. It displays system information for "System: 192.168.9.201". The information includes:

- System Name: 192.168.9.201
- System Description: EquipE EBOX B1
- System Contact: NMS SQA
- System Location: NMS LAB
- System IP Address: 192.168.9.201
- System Up Time: 60985554
- System ID: 1.3.6.1.4.1.5022.1.1
- System Services: Data-Link

FIG. 7H



FIG. 7J

FIG. 7K

895

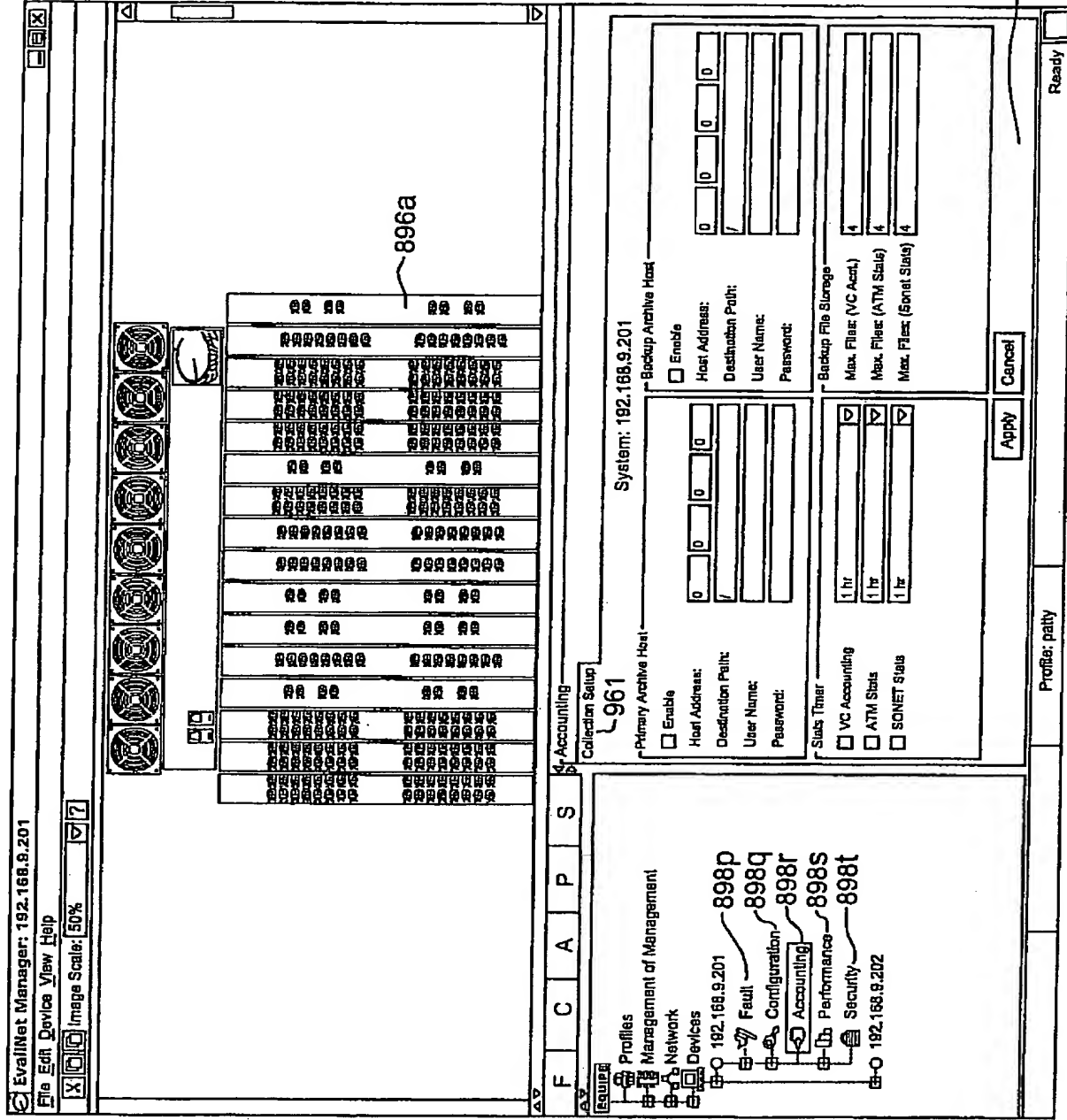


FIG. 7L

897

895

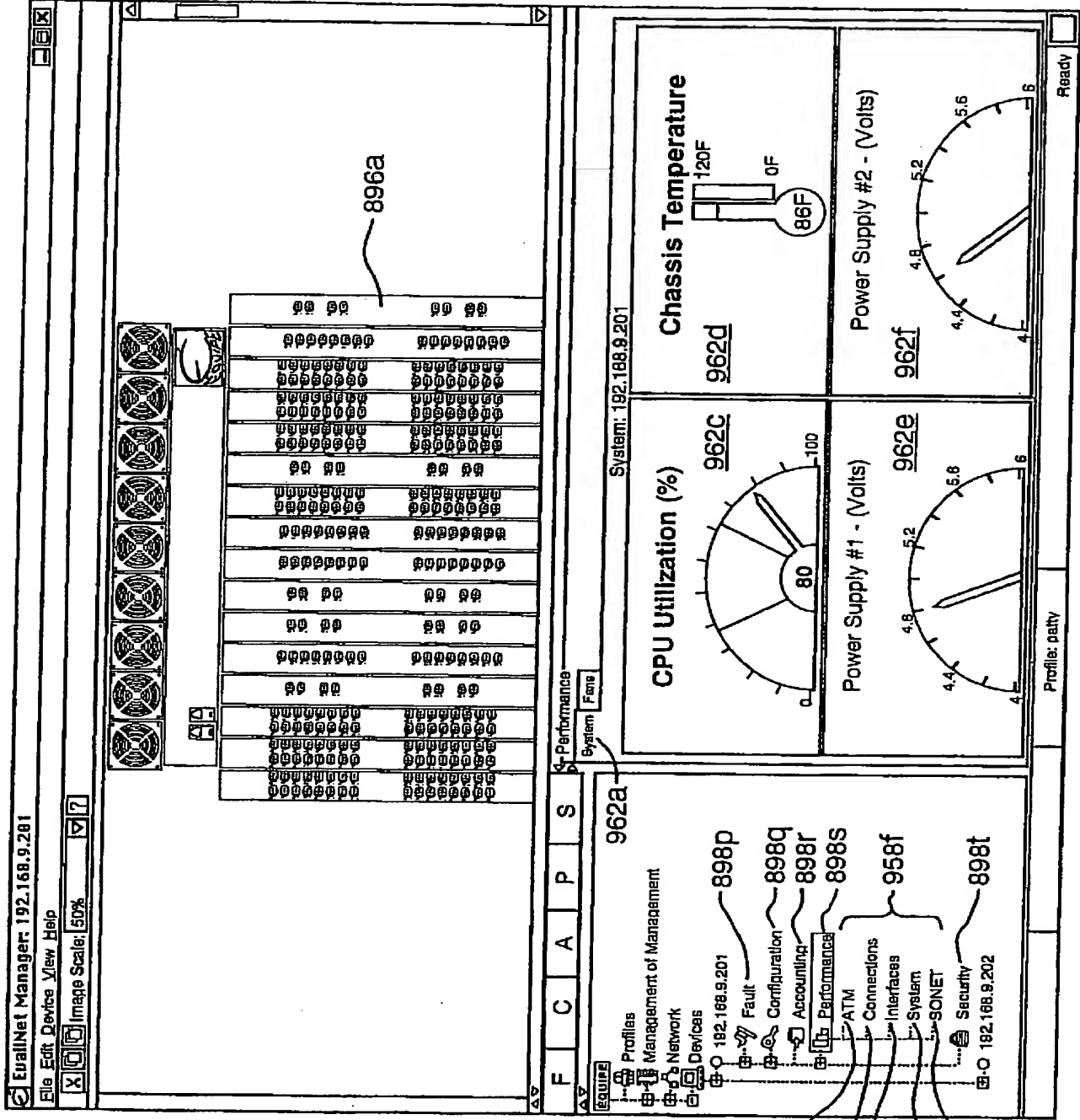


FIG. 7M

895

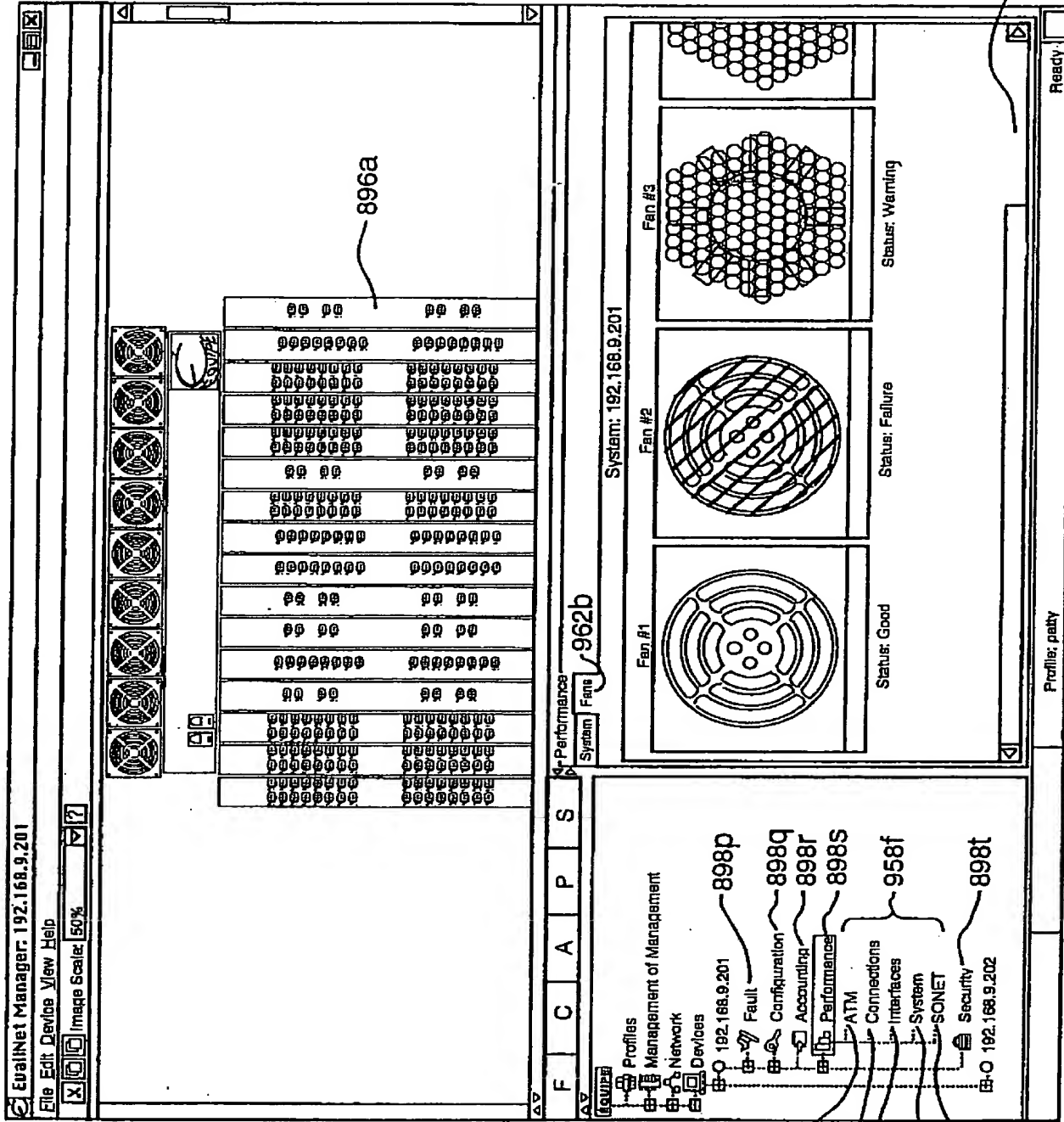


FIG. 7N

895

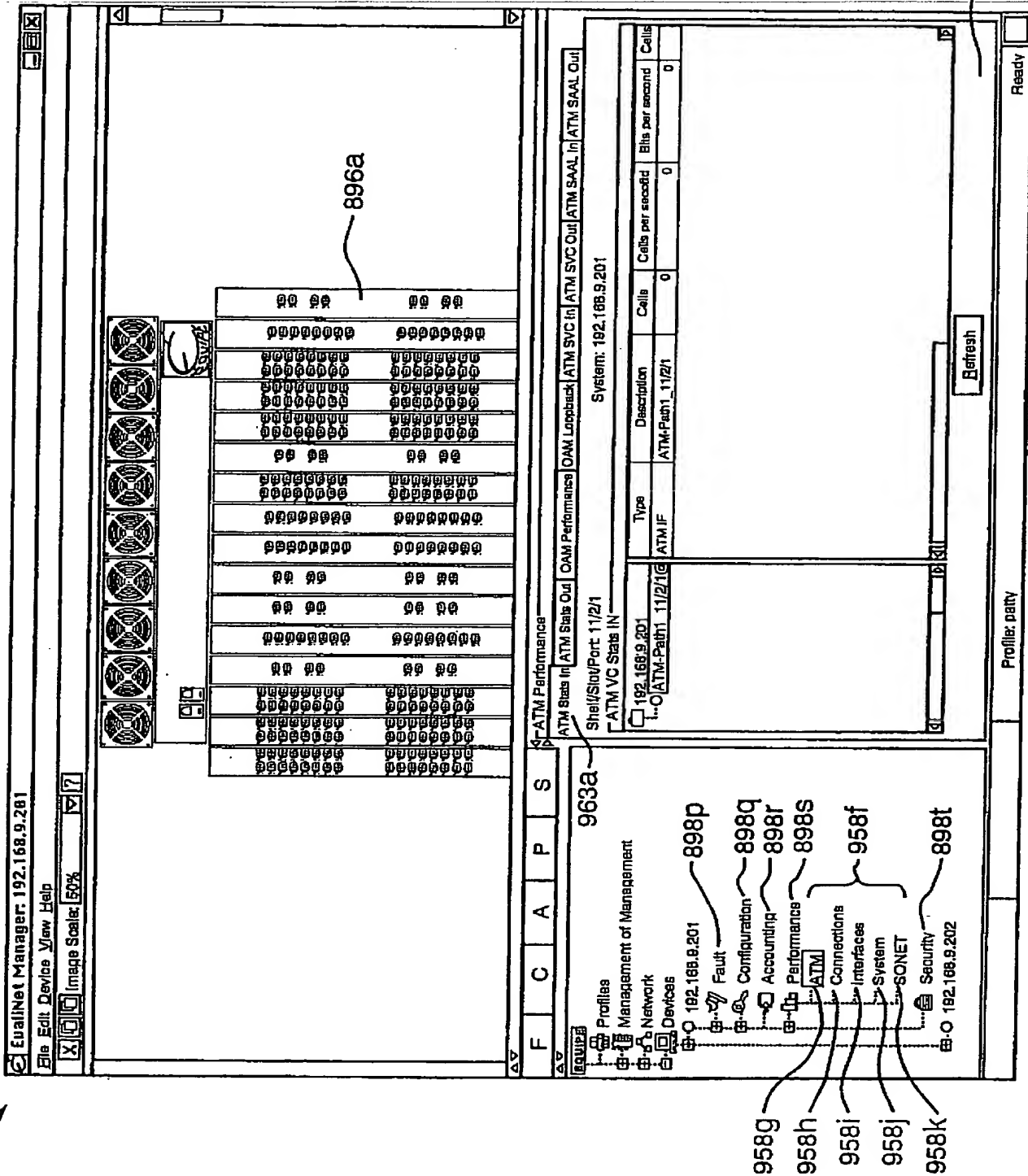
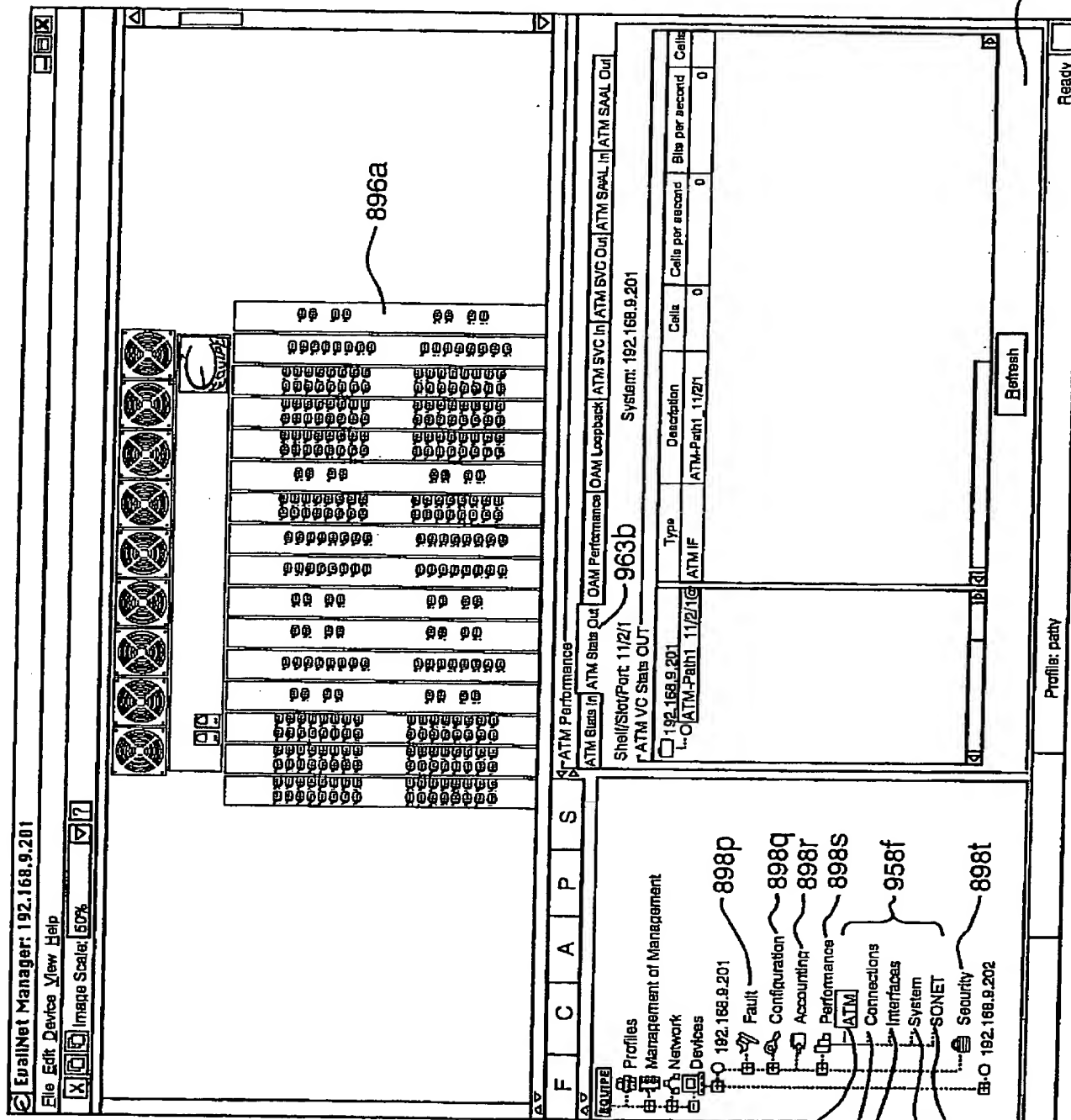


FIG. 70

895



897

FIG. 7P

FIG. 7Q

895

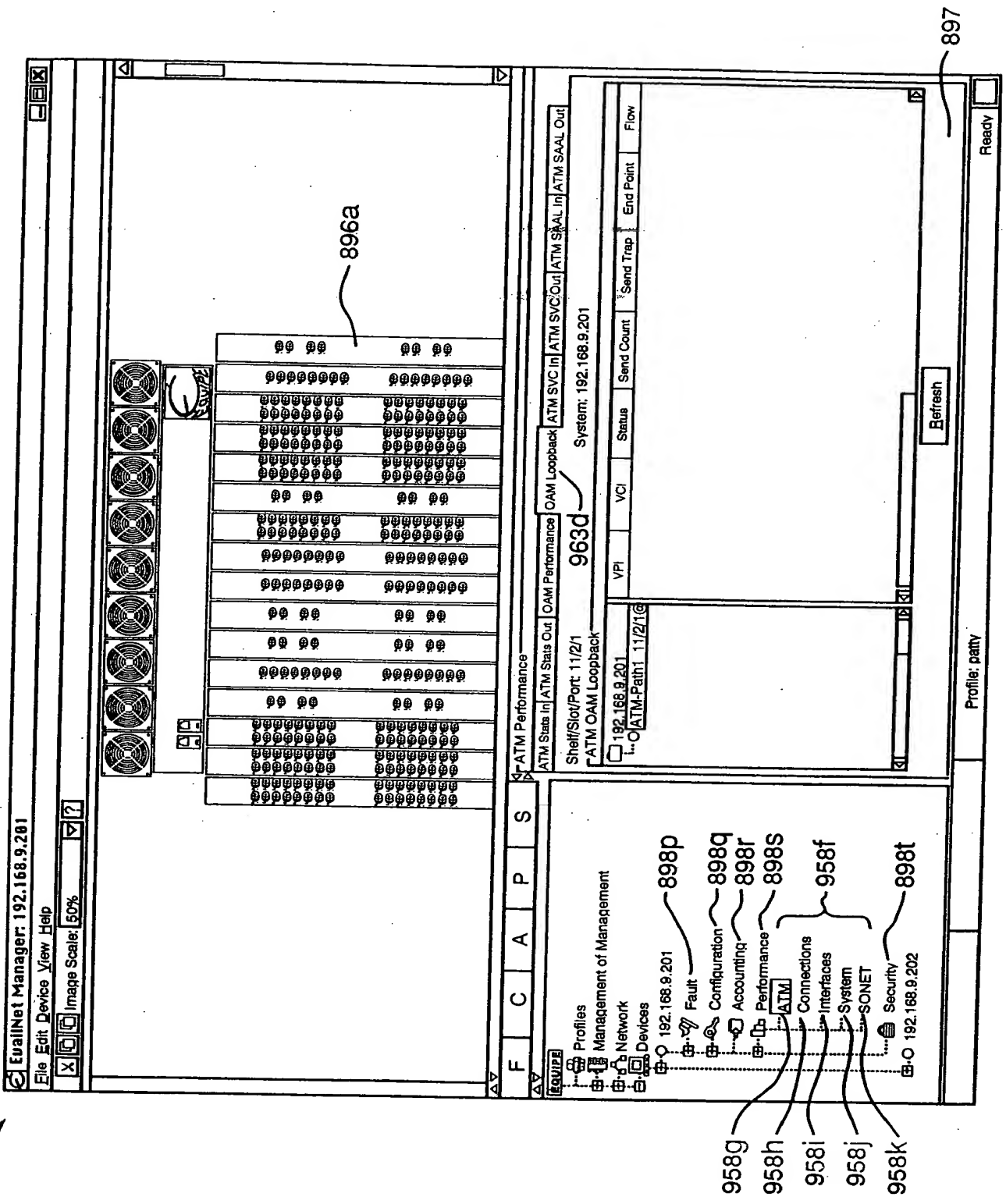


FIG. 7R

FIG. 7S

895

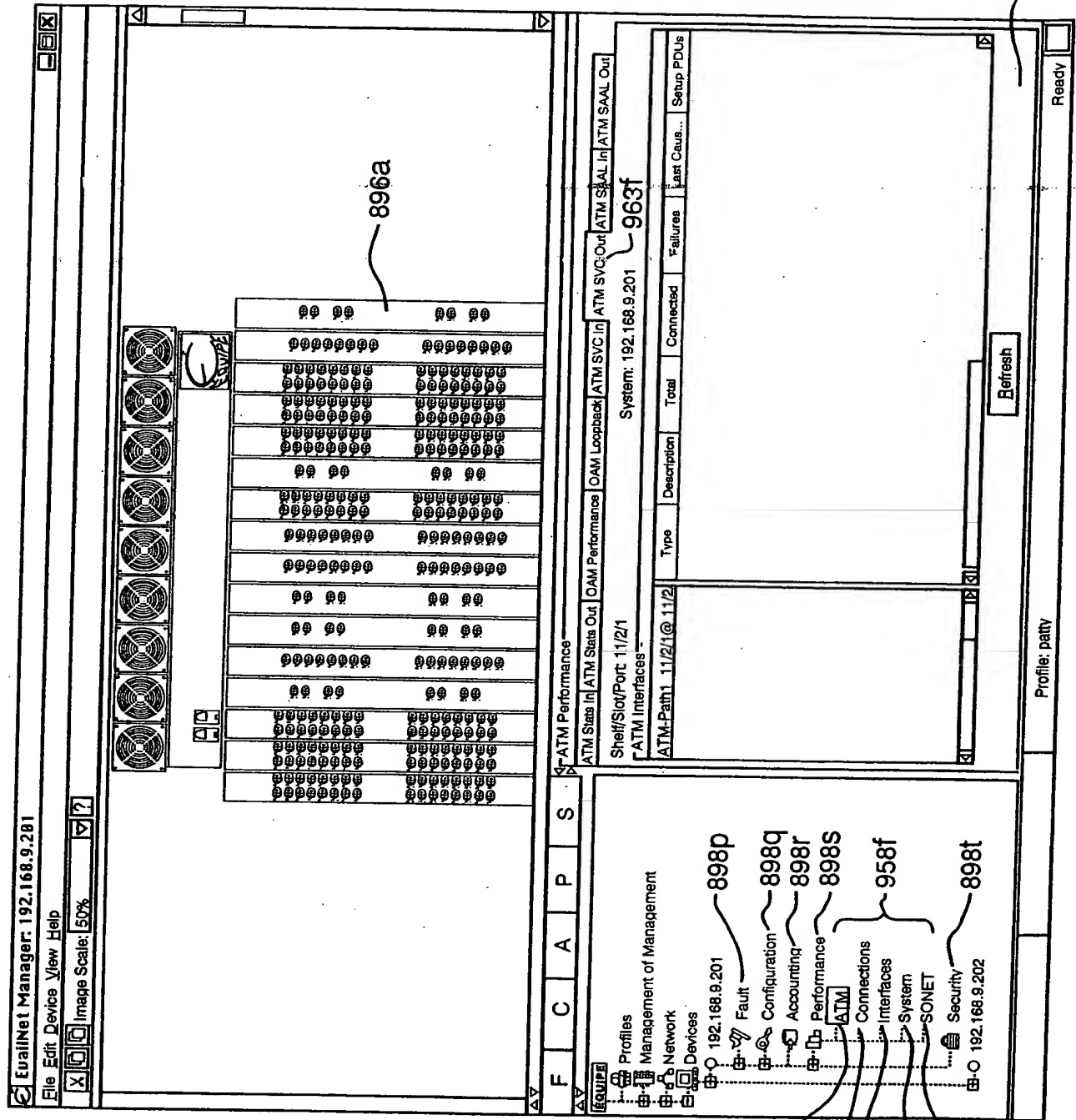


FIG. 7T

895

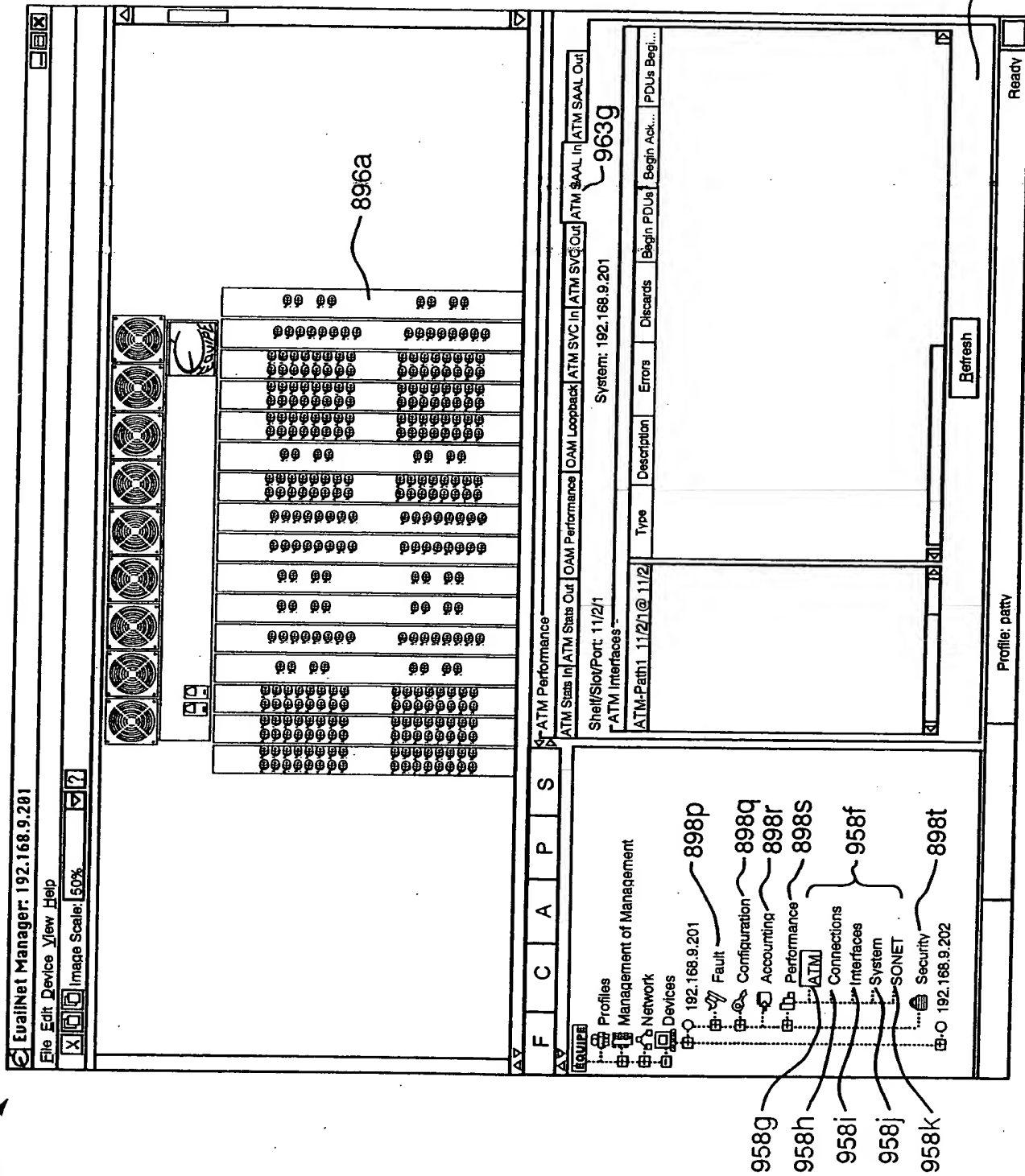


FIG. 7U

FIG. 7V

895

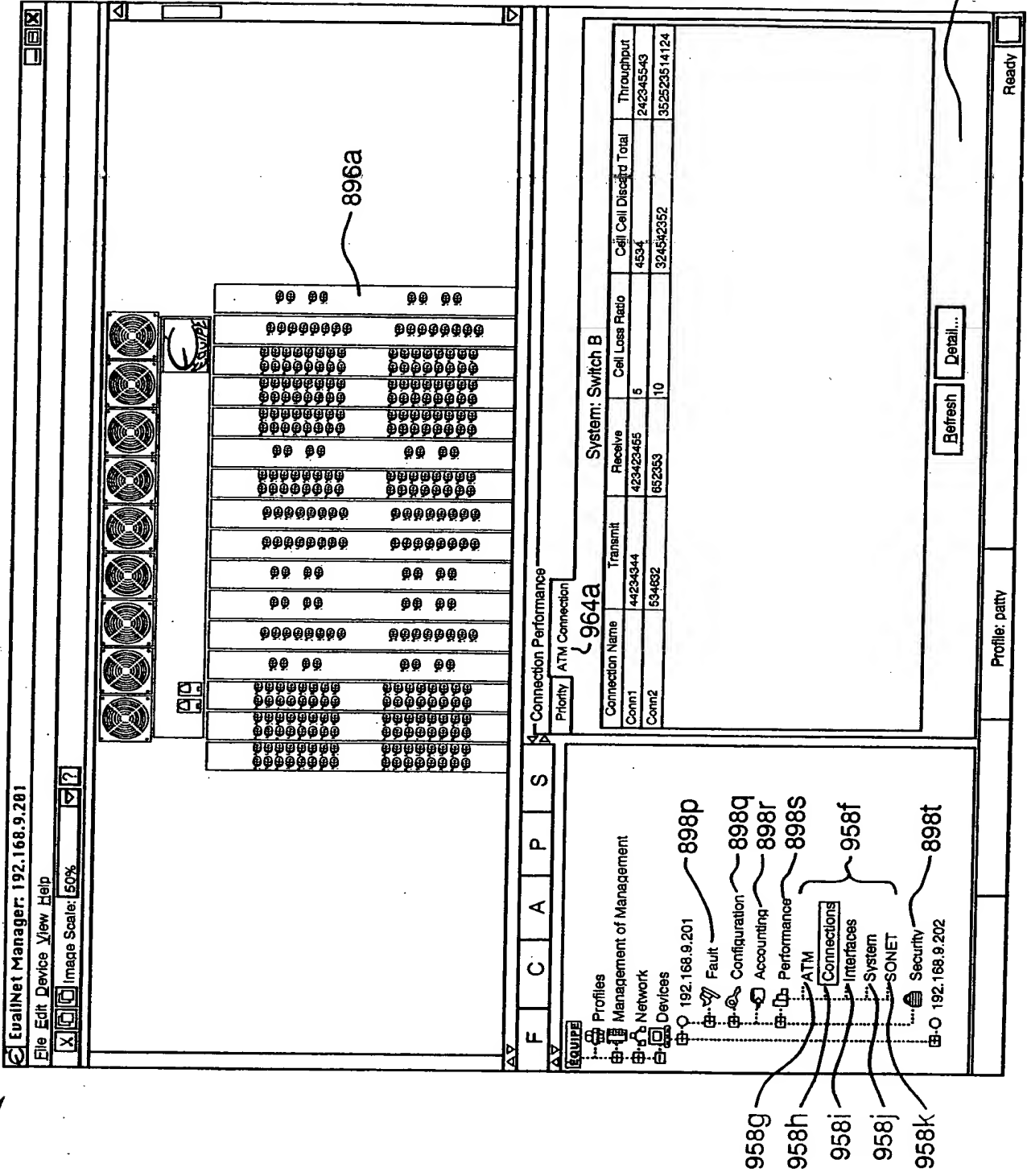


FIG. 7W

895

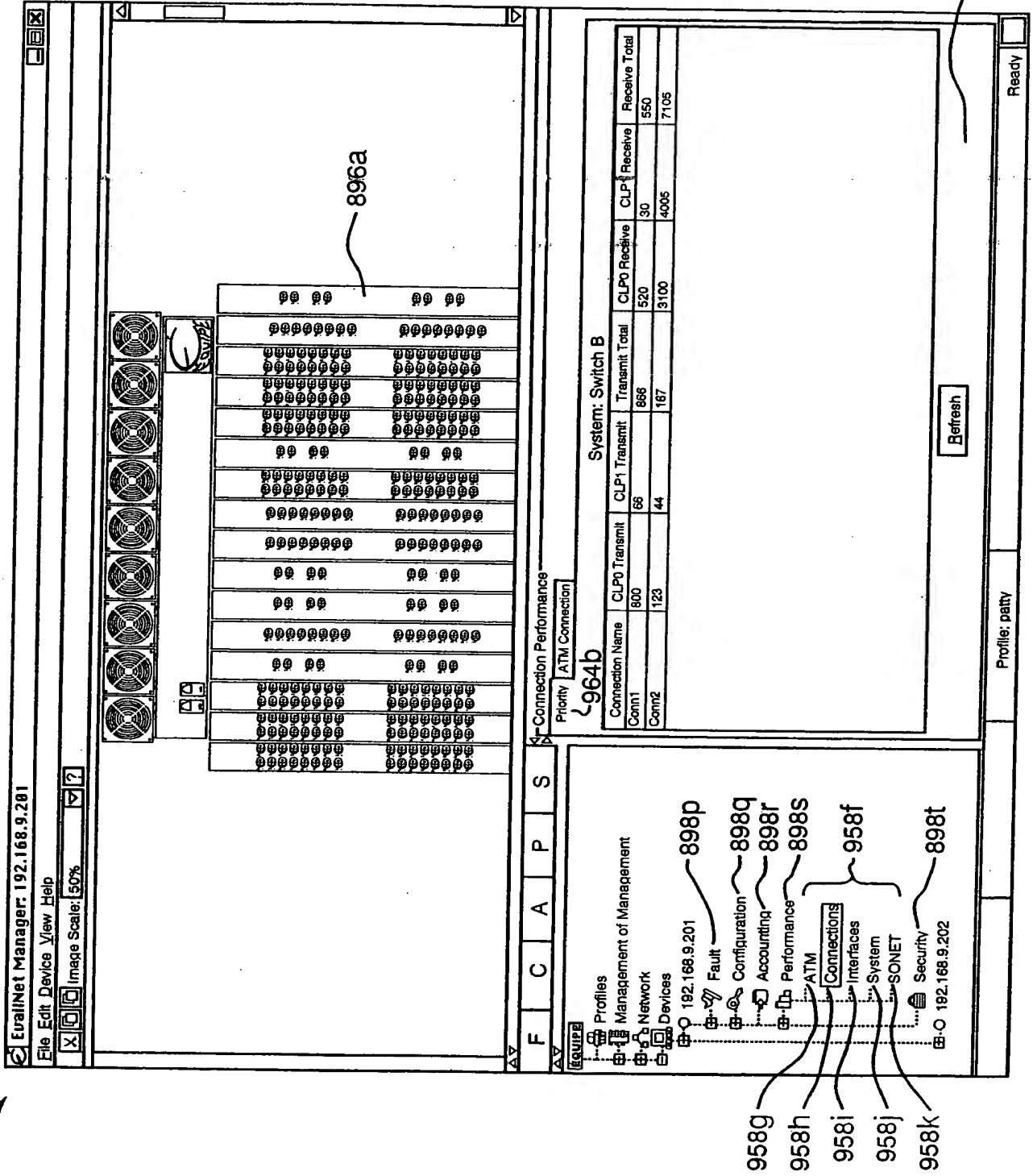
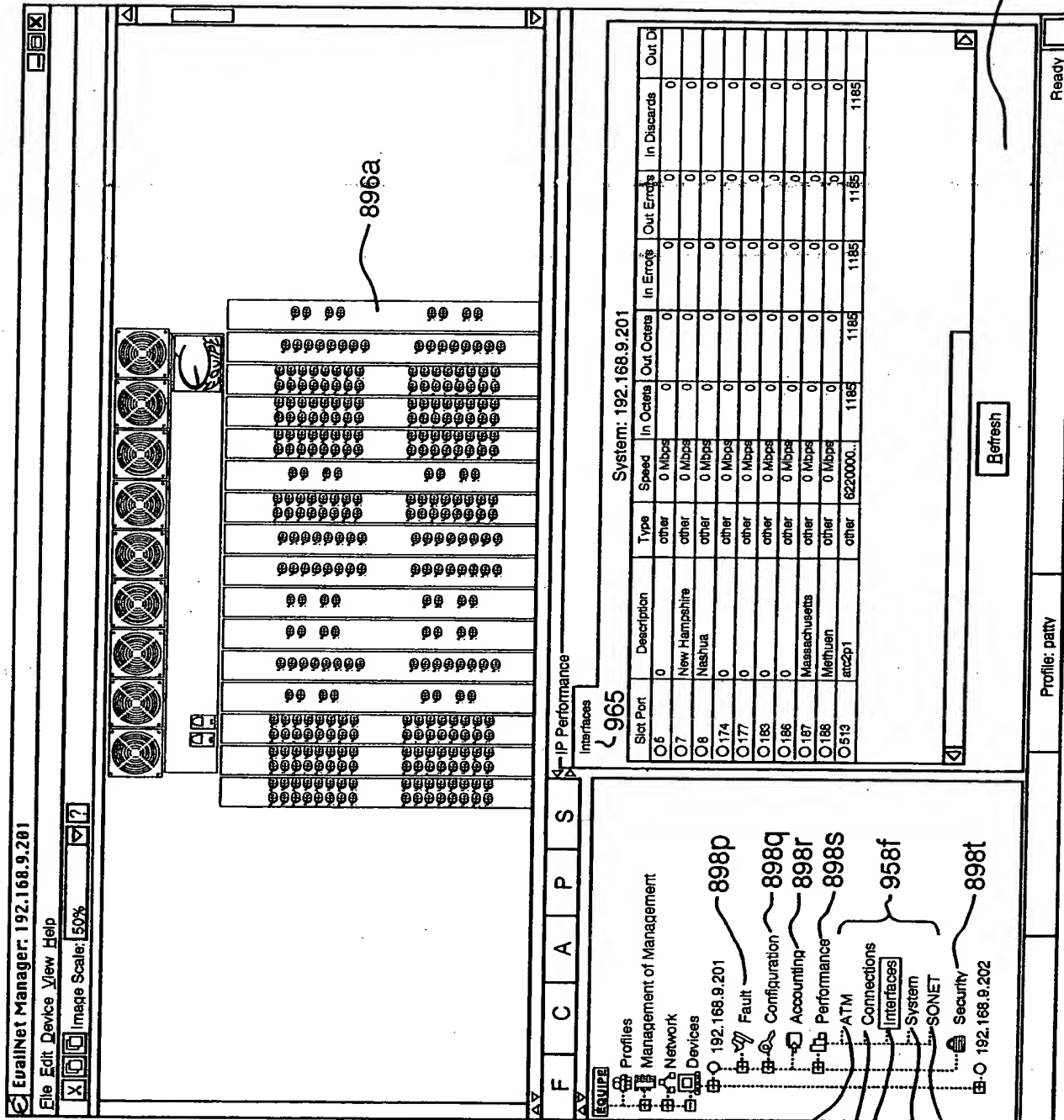


FIG. 7X

895



895

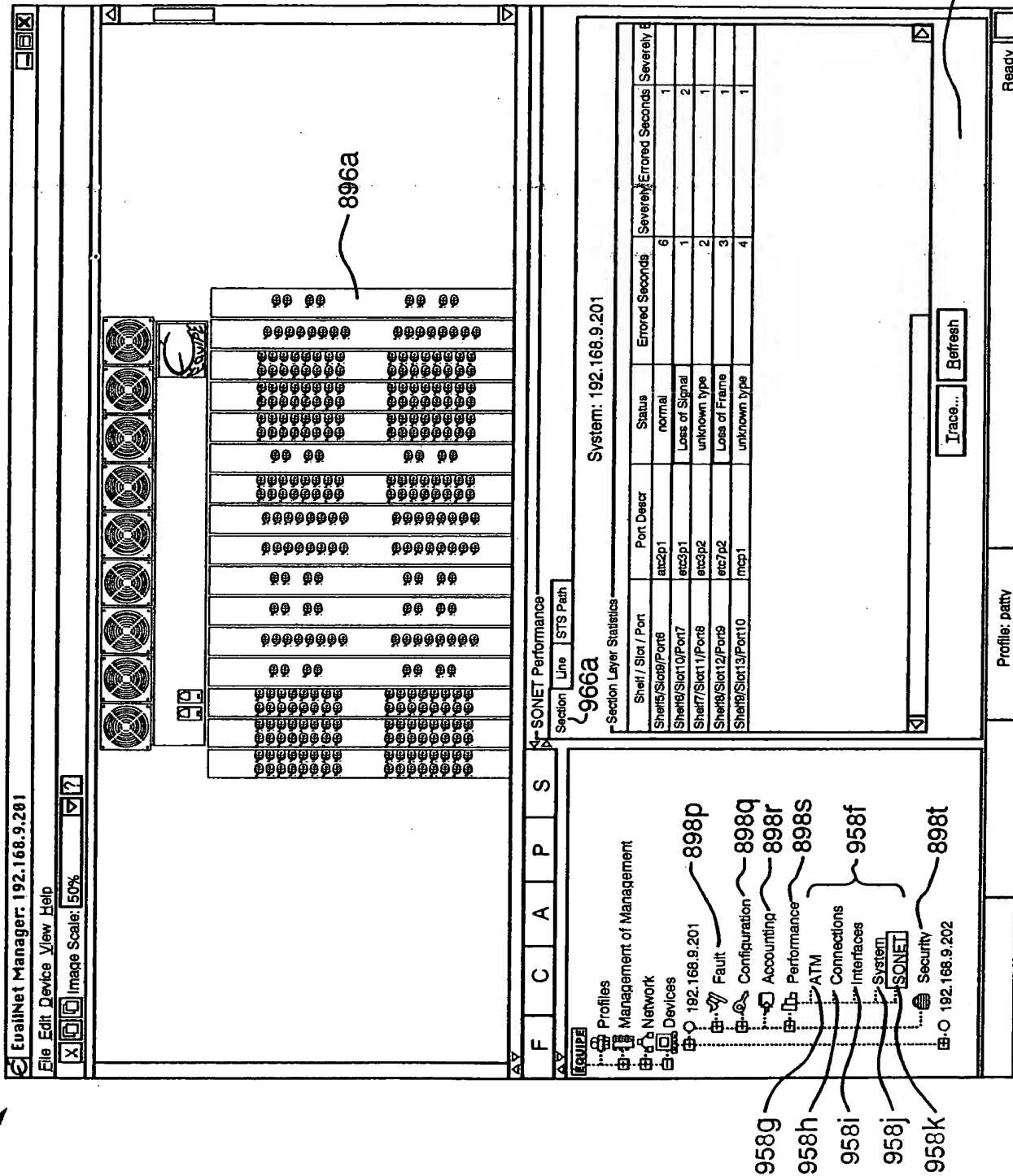


FIG. 8A

895

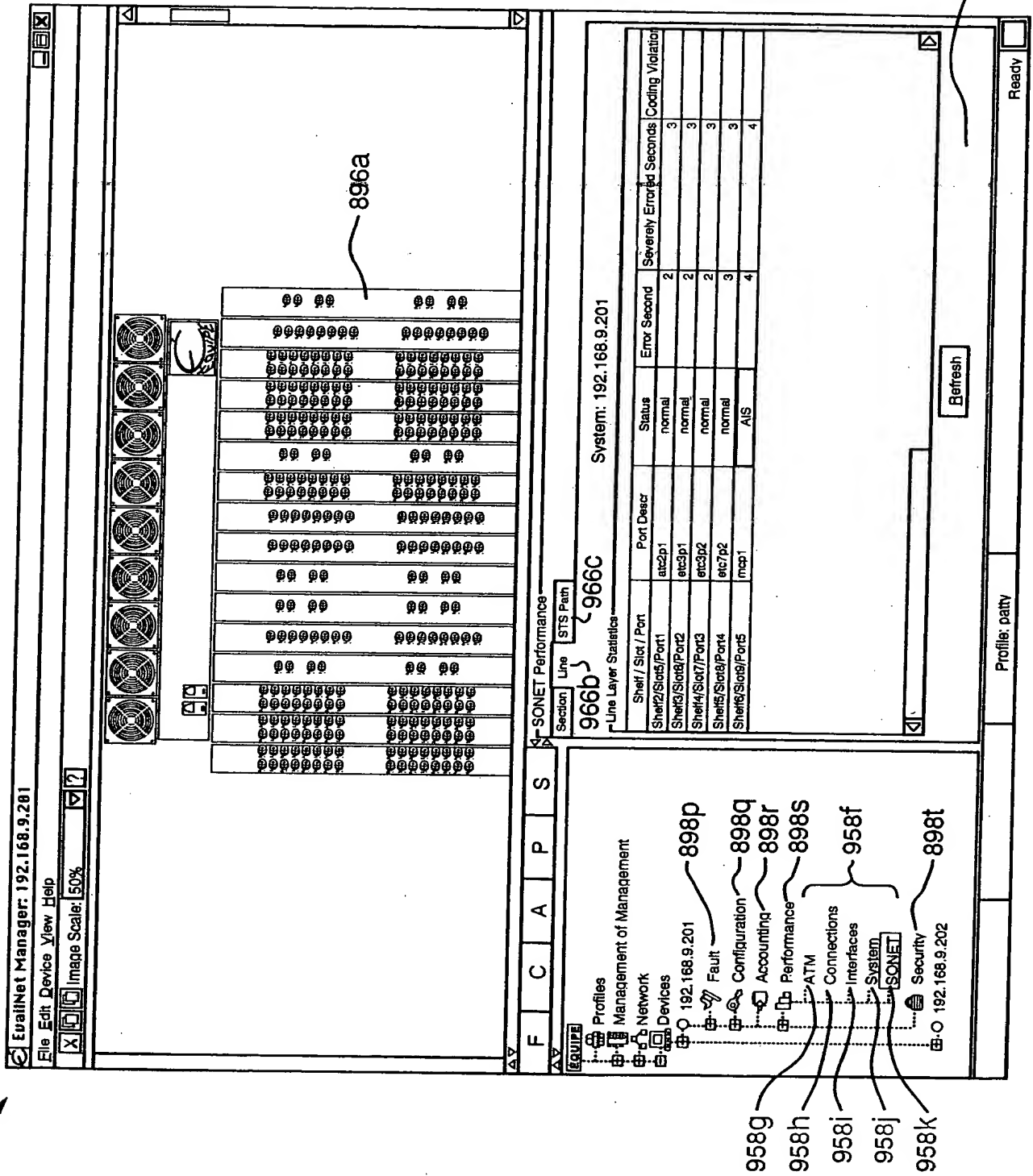


FIG. 8B

895

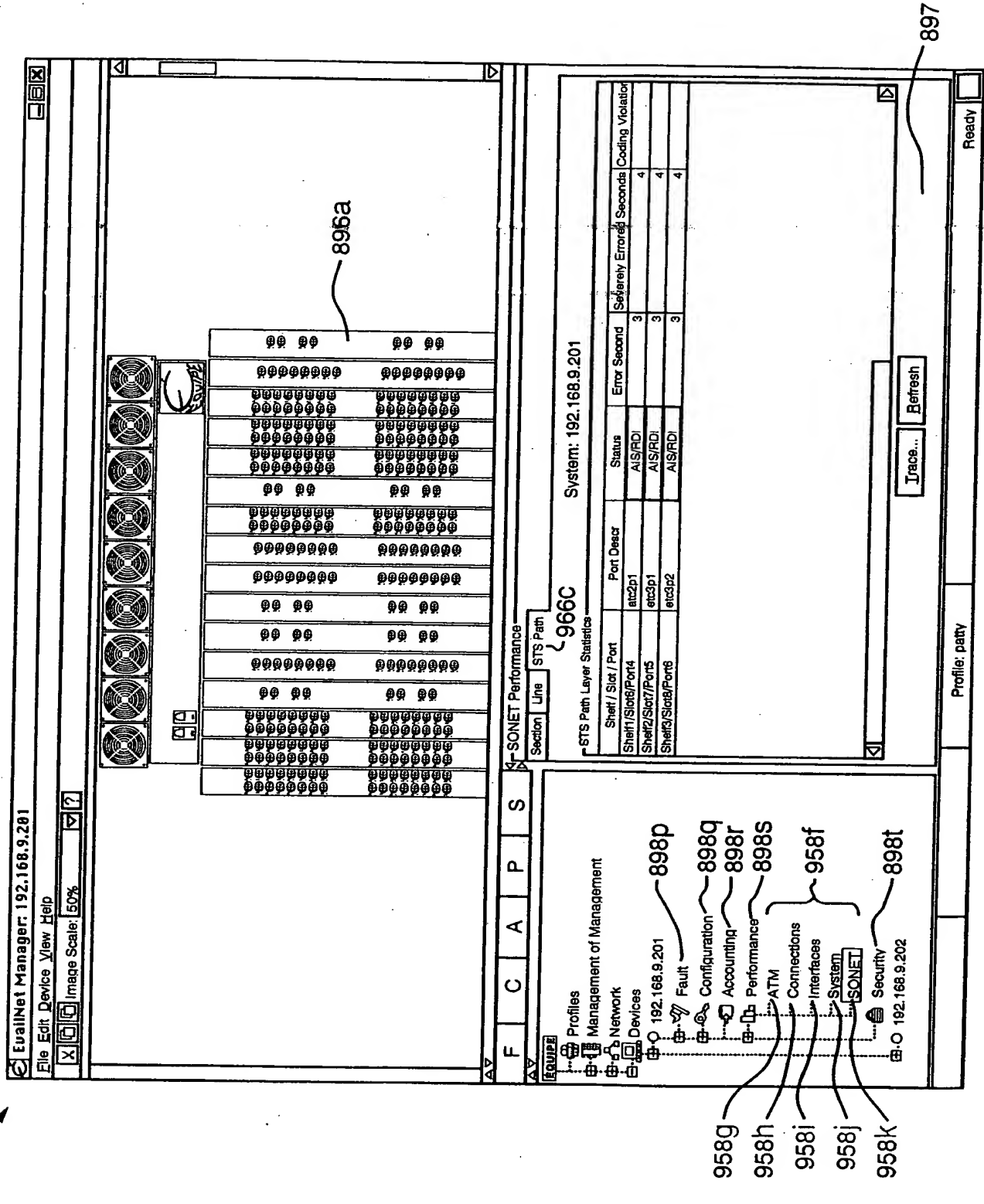
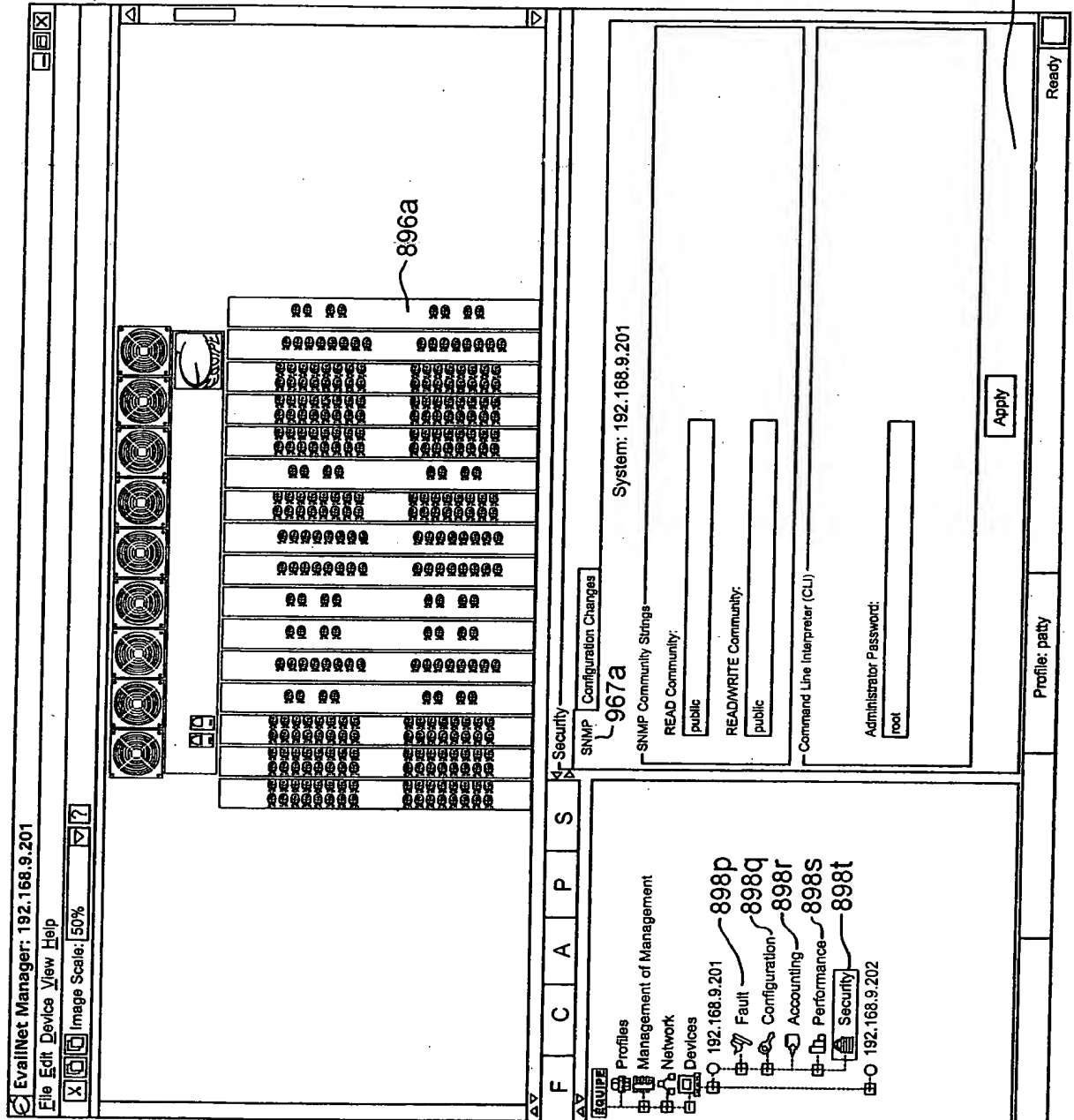


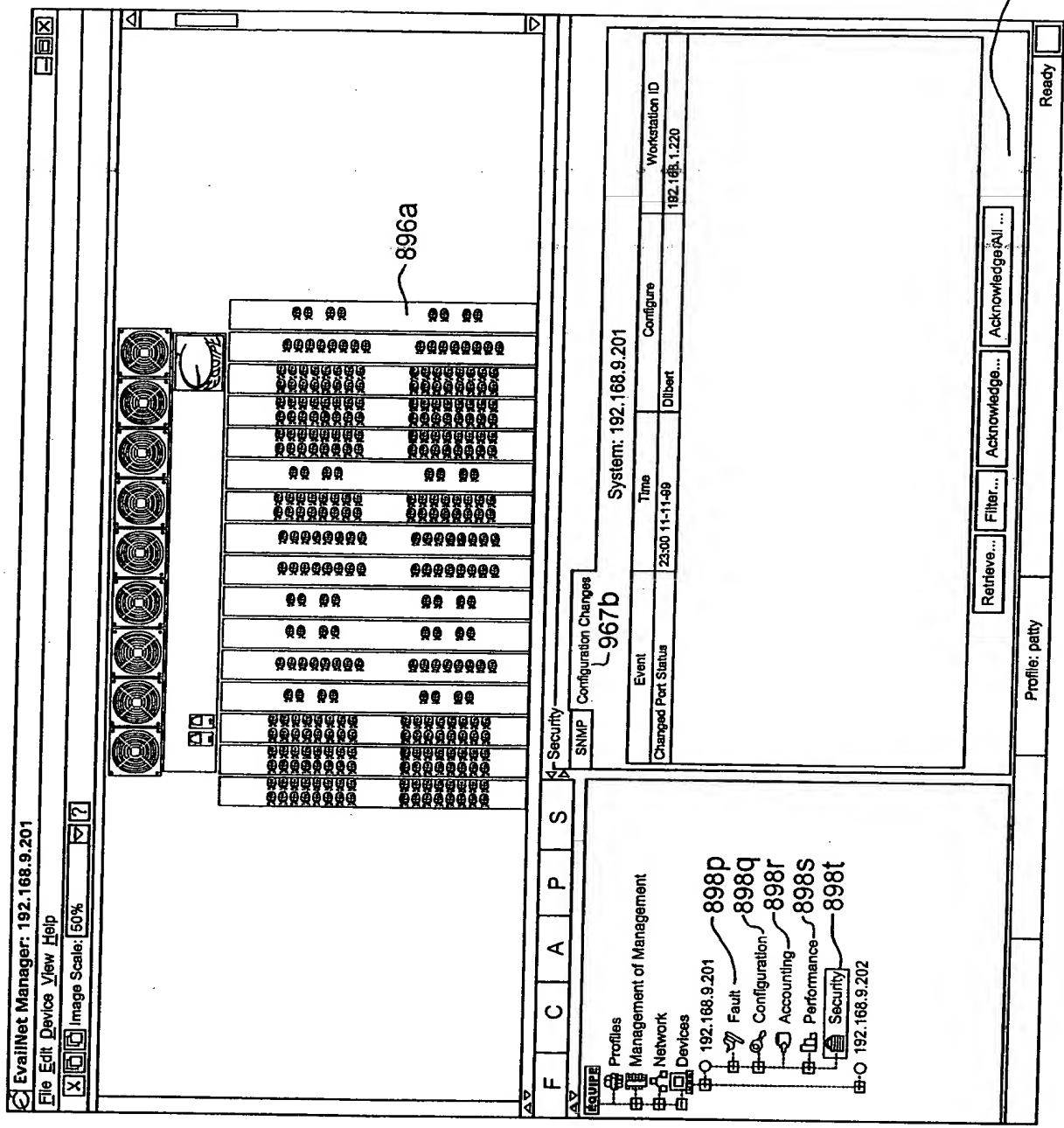
FIG. 8C

895



897

FIG. 8D



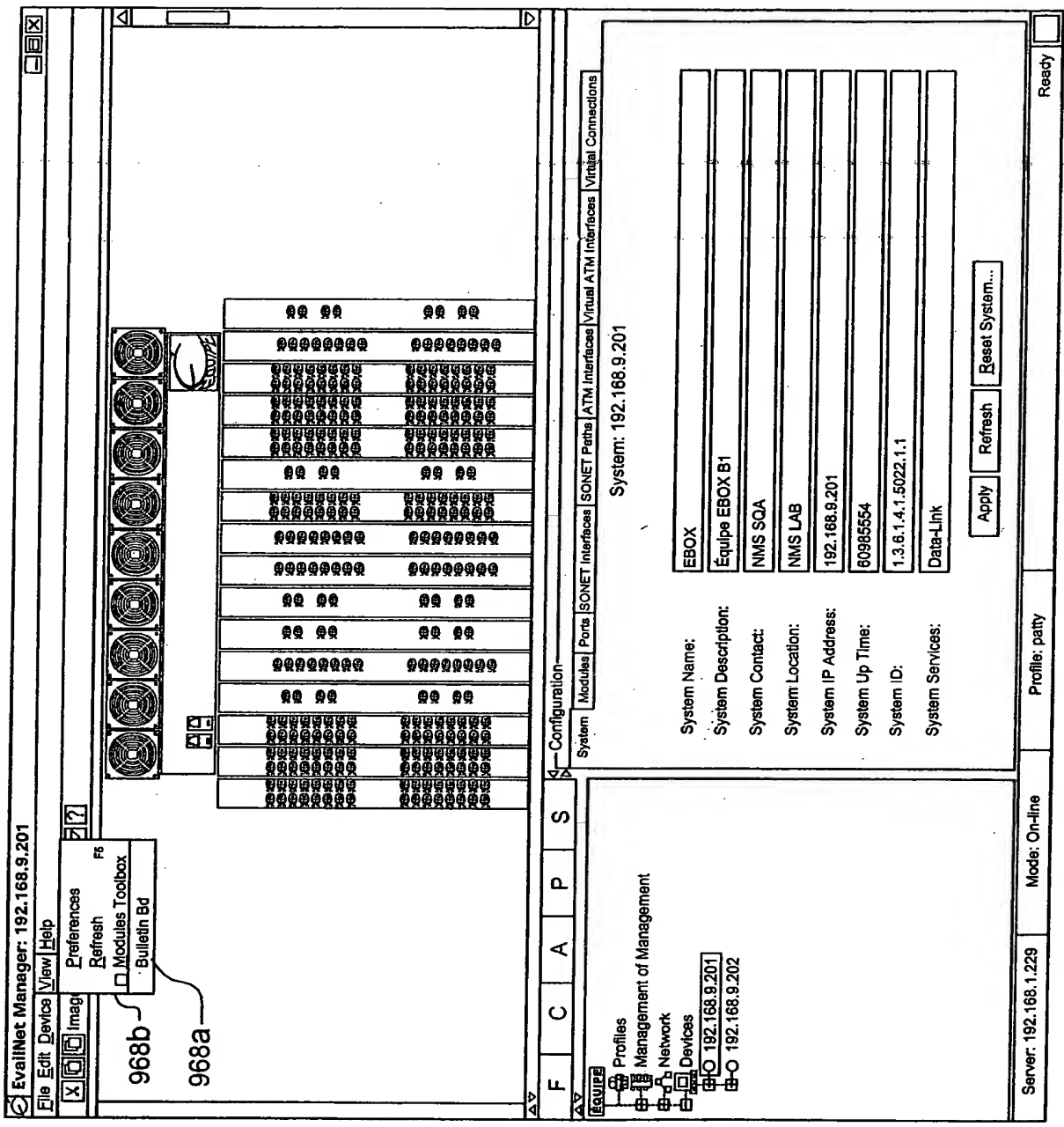


FIG. 9A

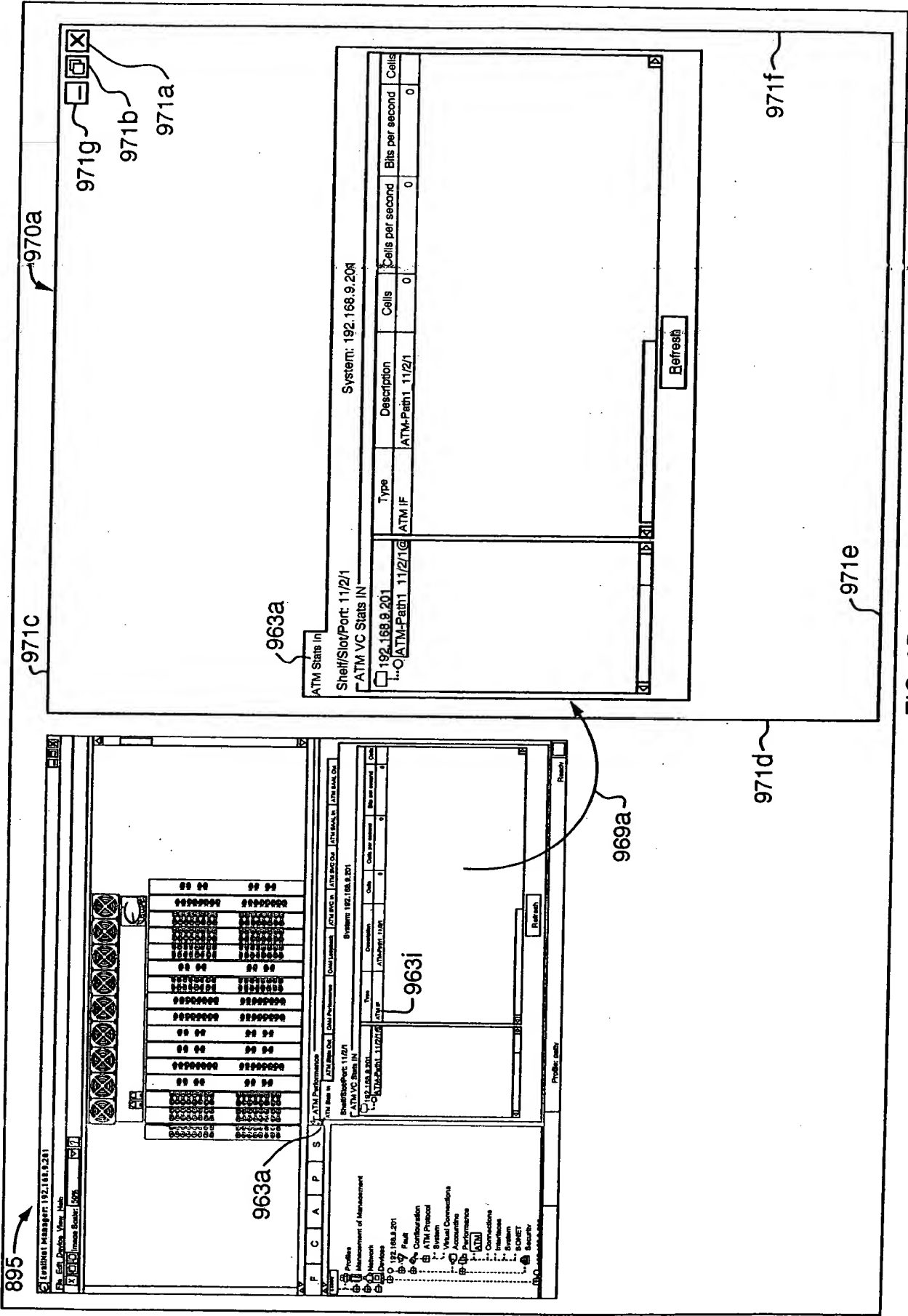


FIG. 9B

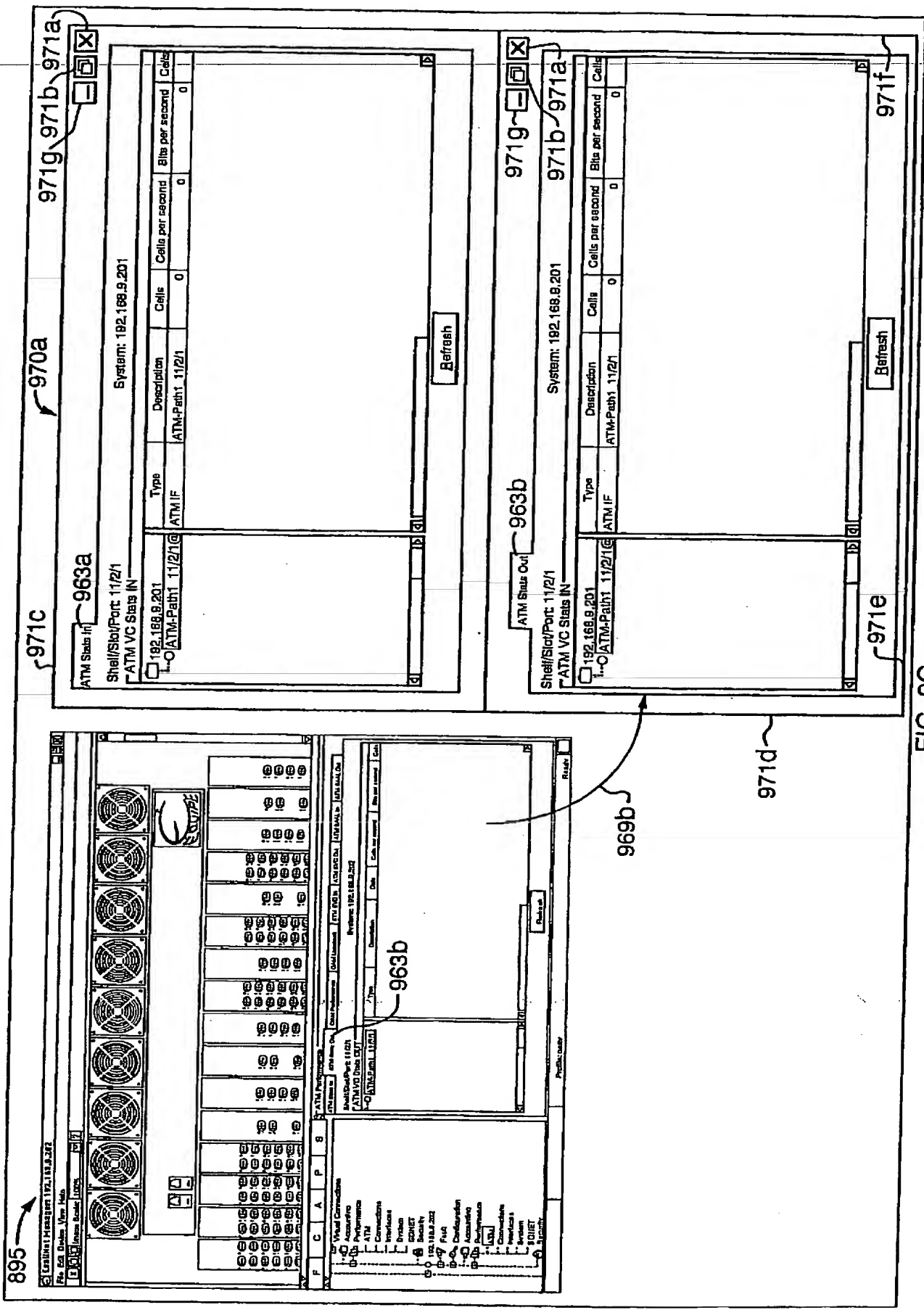


FIG. 9C

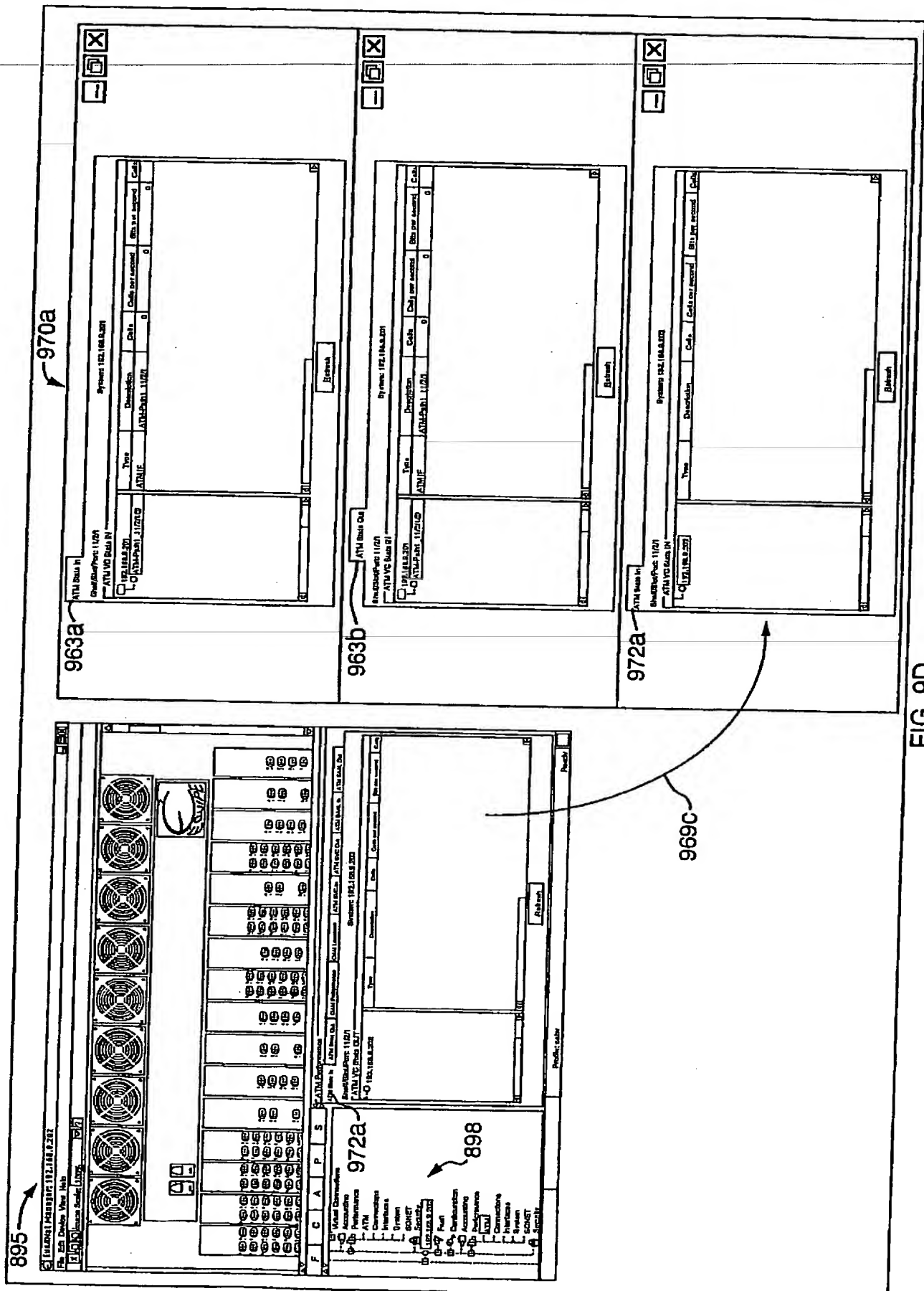


FIG. 9D

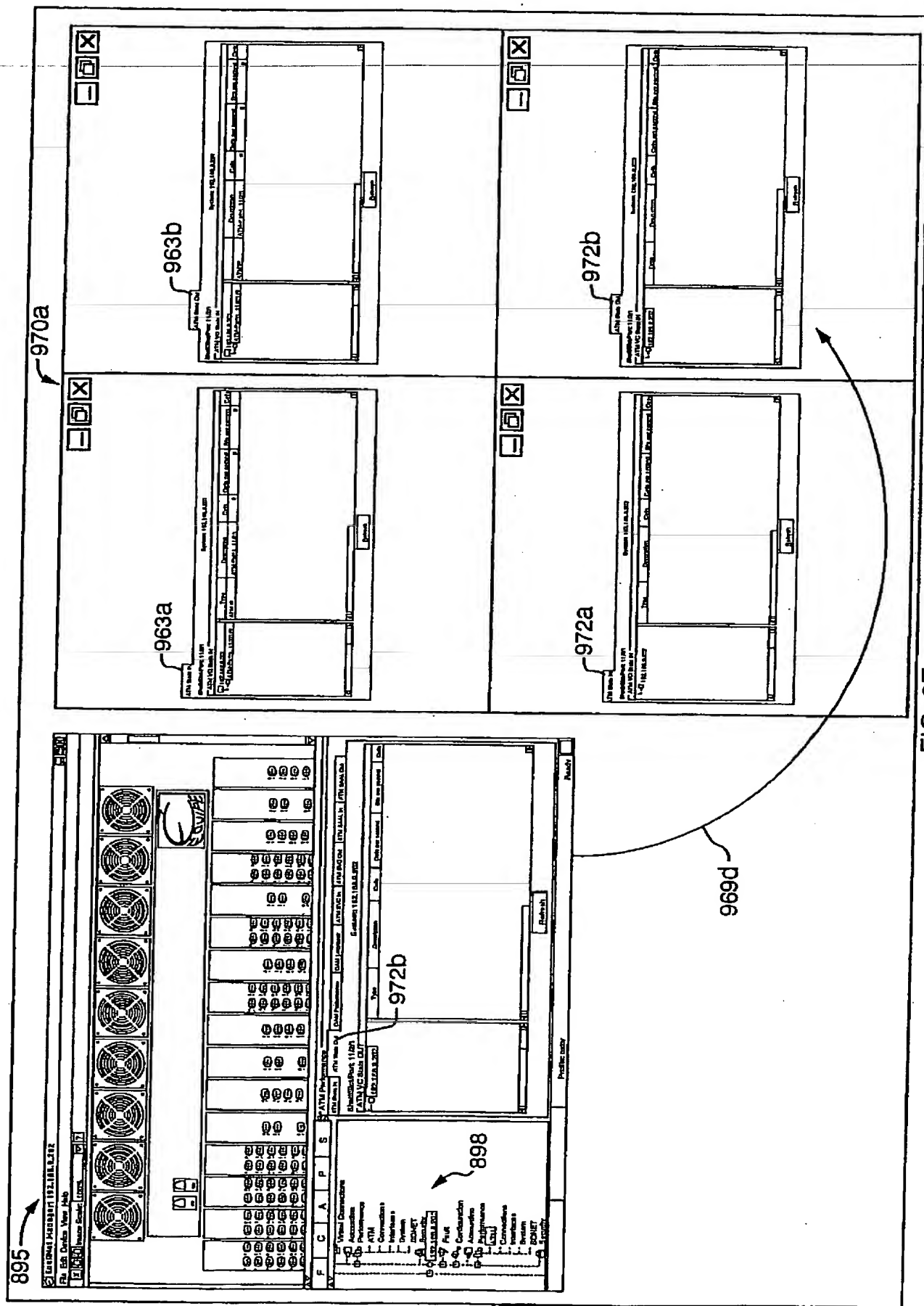
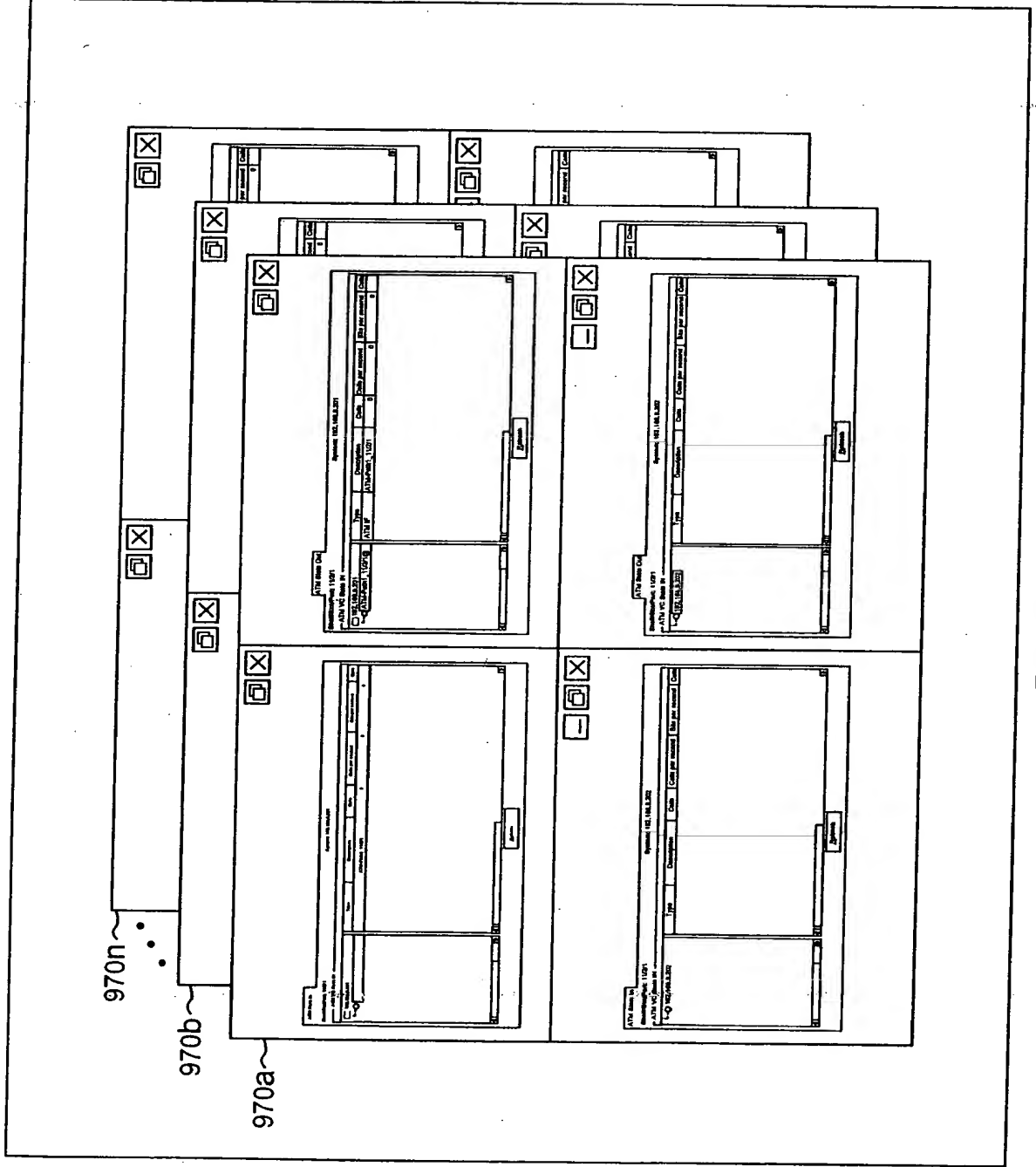


FIG. 9E



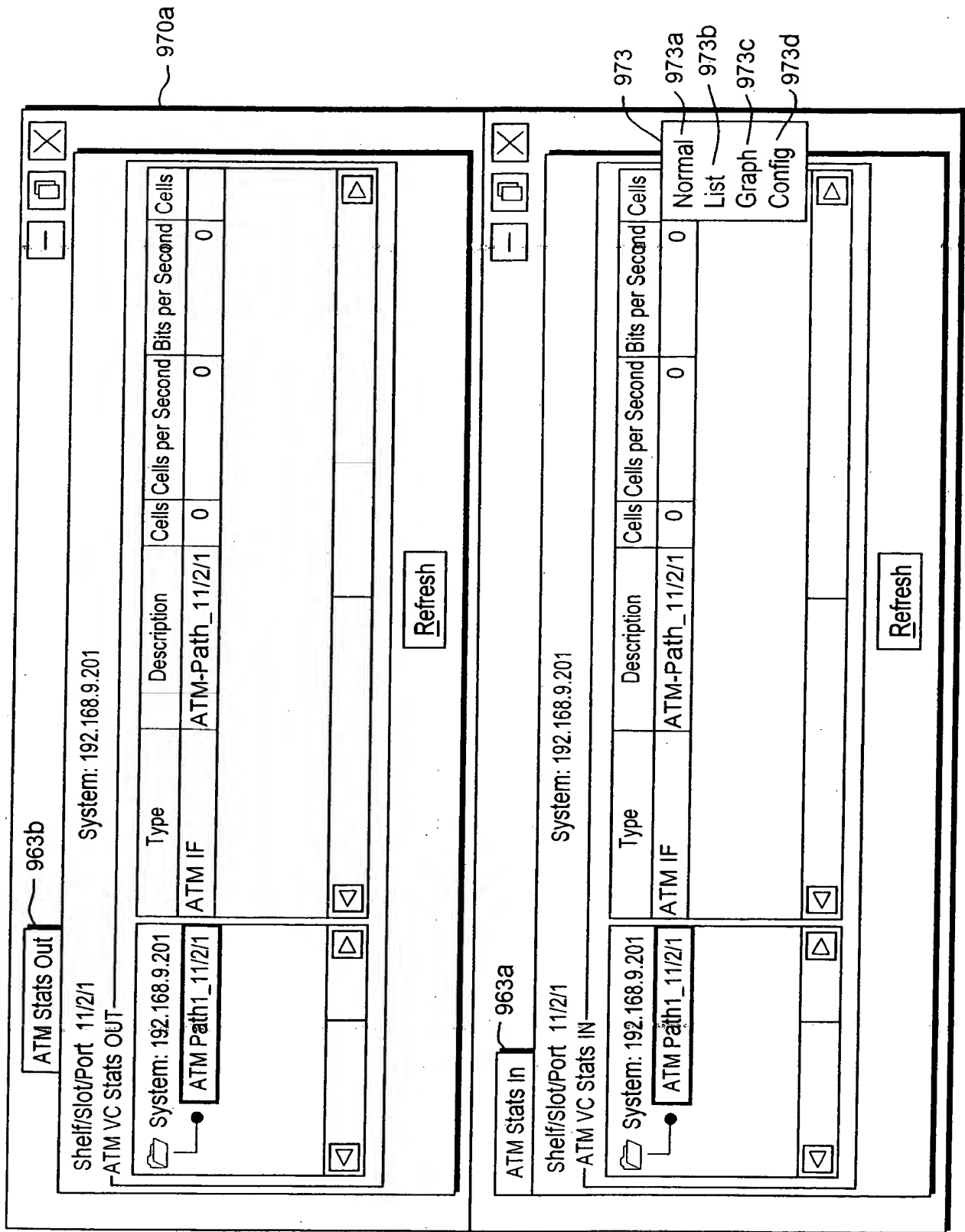


FIG. 9G

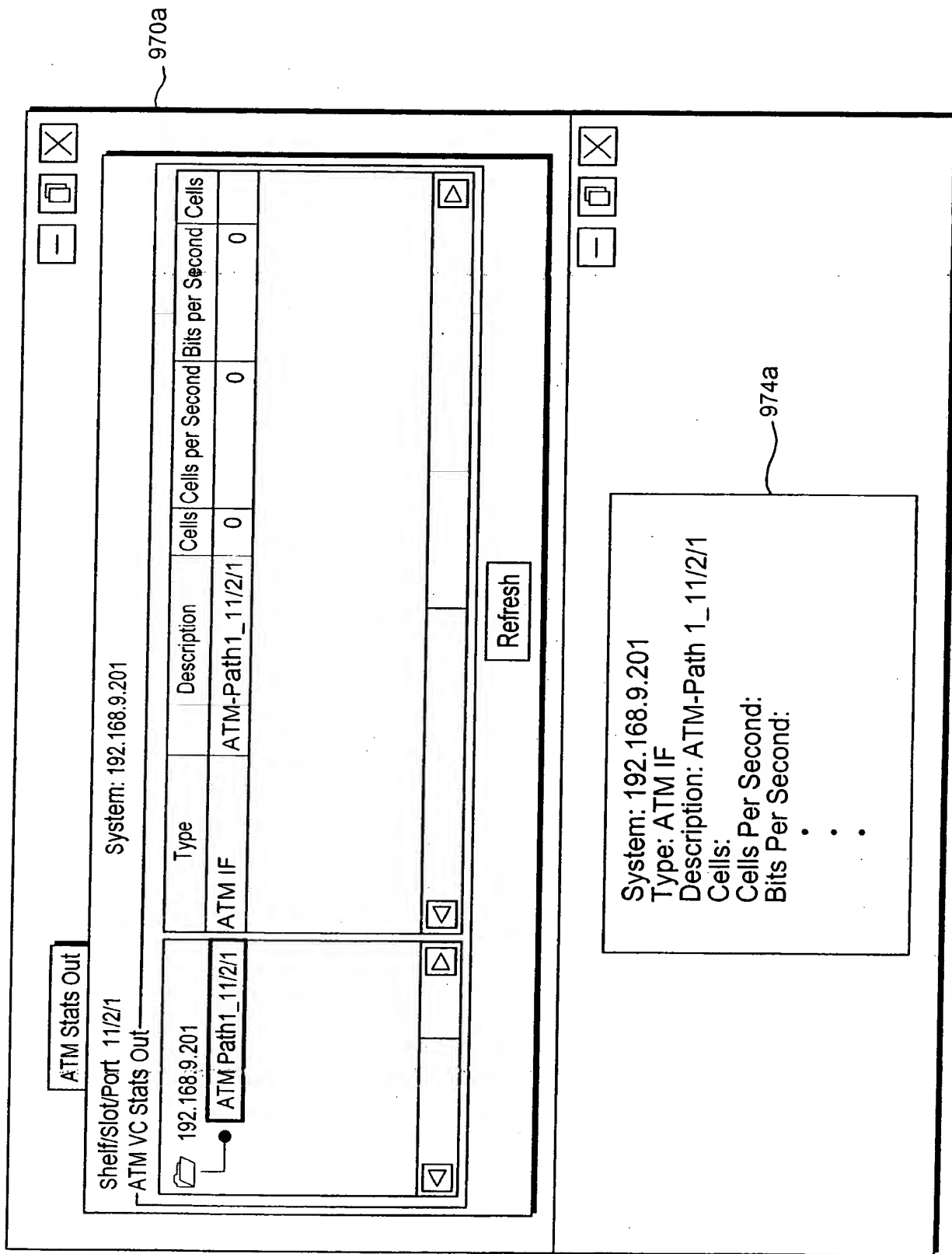


FIG. 9H

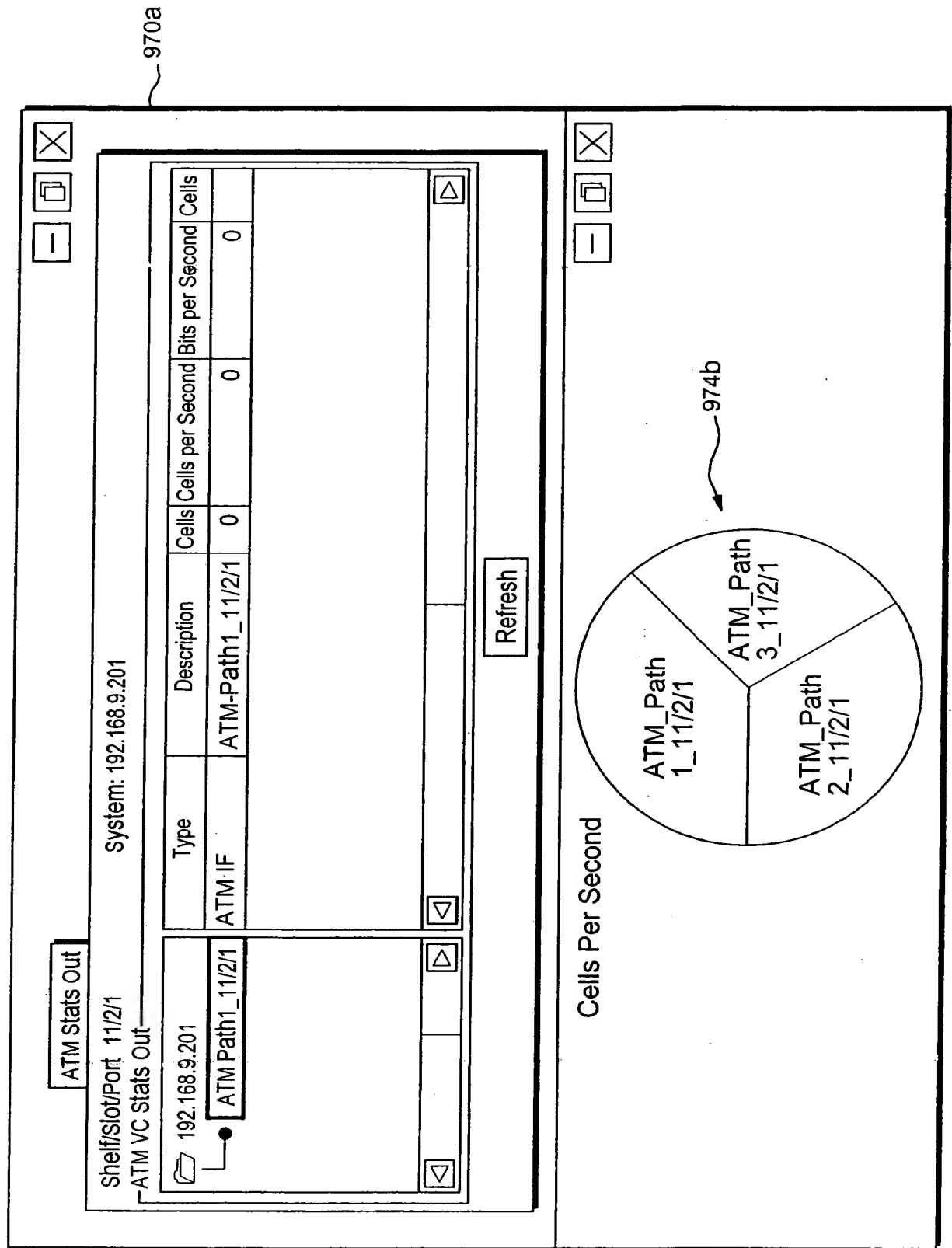


FIG. 9I

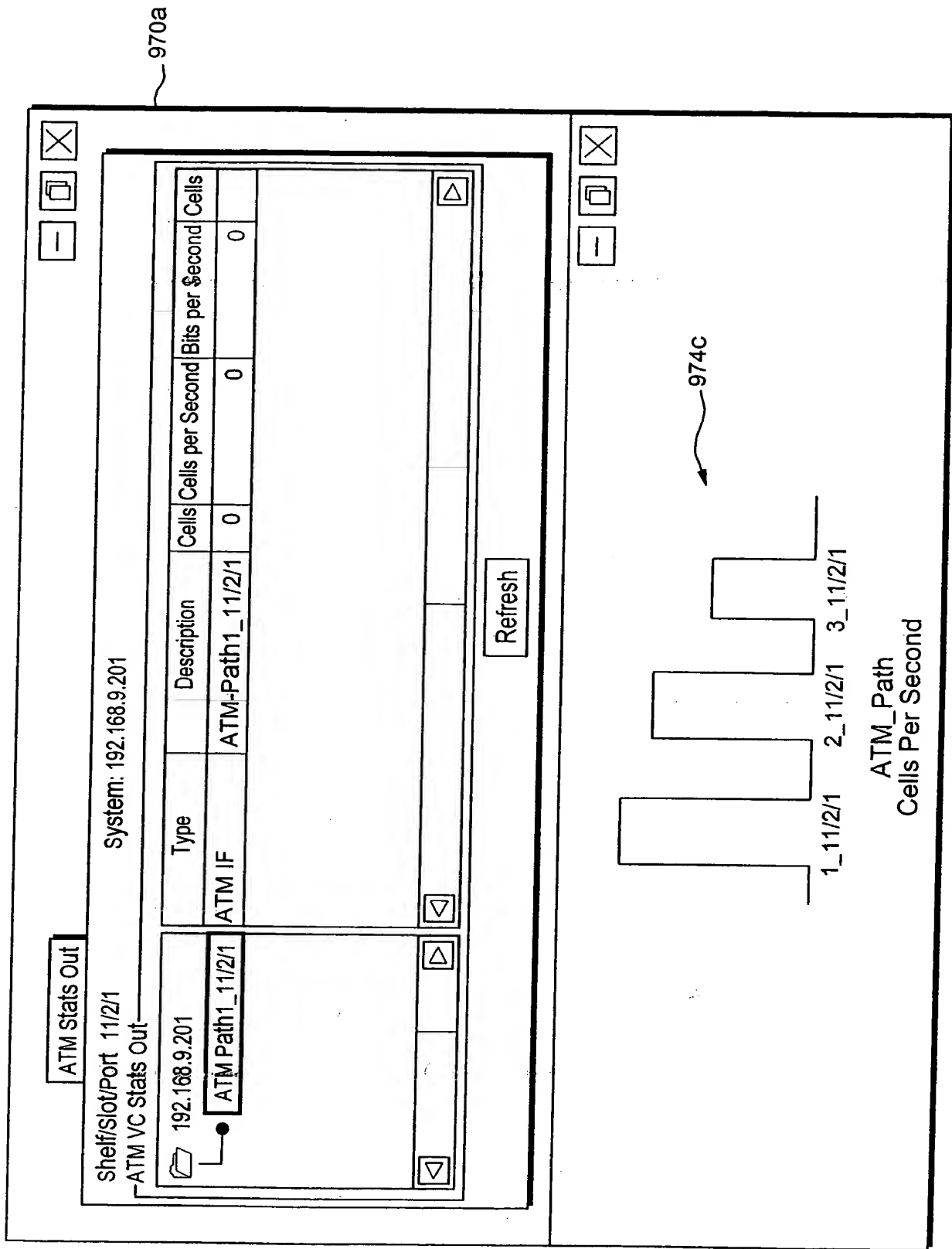


FIG. 9J

Figure 1: ATM Interface Properties dialog box. The dialog is titled "ATM Interface Properties - 192.168.9.202". It contains the following fields and sections:

- Shelf/Slot/Port:** 11/2/1
- Path Name:** Path2_11/2/1
- ATM Properties (Expanded):**
 - Name:** ATM-Path_11/2/1
 - Minimum VPI bits:** 1
 - Maximum VPI bits:** 8
 - Minimum VCI bits:** 5
 - Maximum VCI bits:** 16
- ATM VC Stats Out (Expanded):**

Type	Description	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0
- Buttons:** OK, Cancel, Refresh.

FIG. 9K

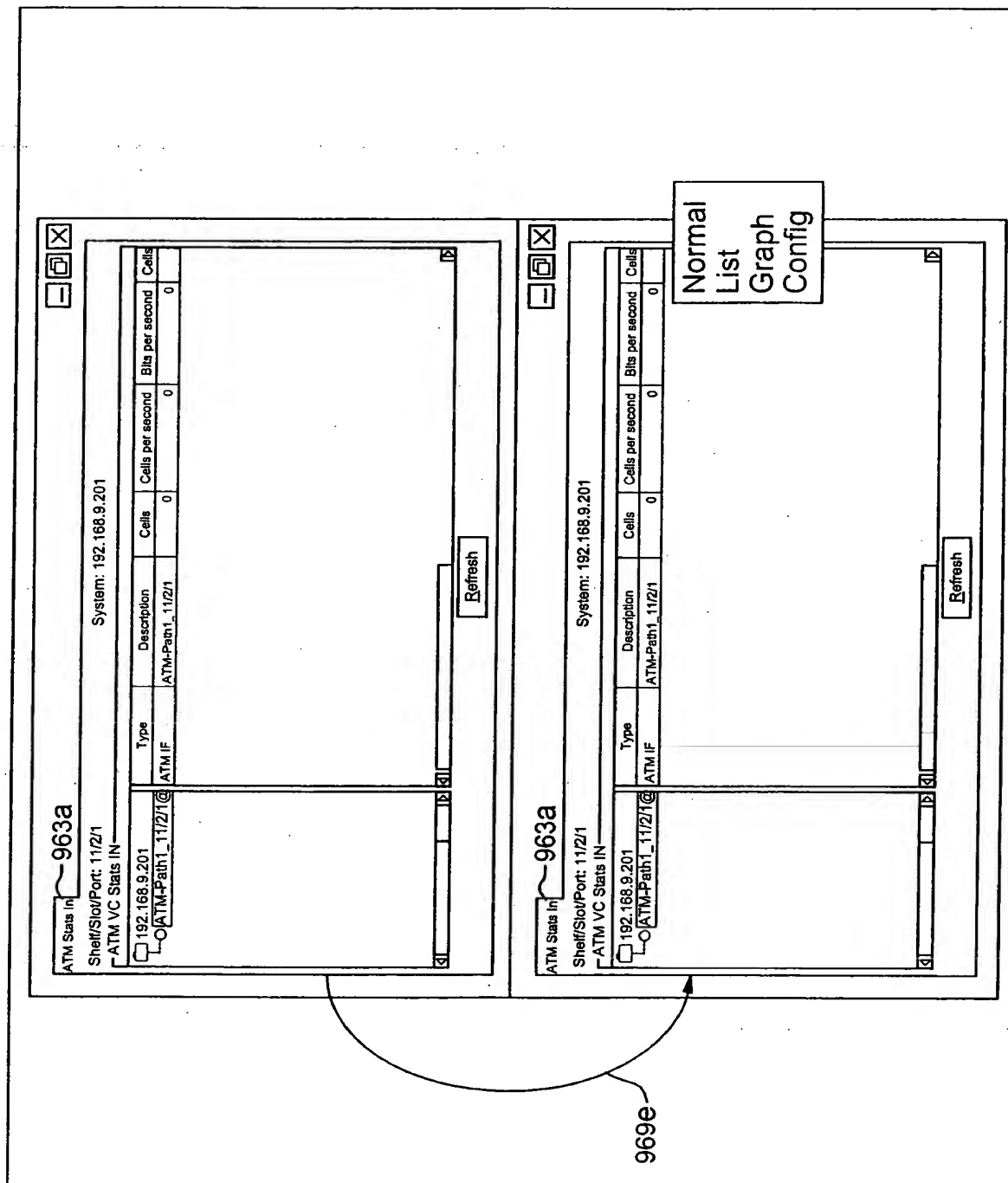


FIG. 9L

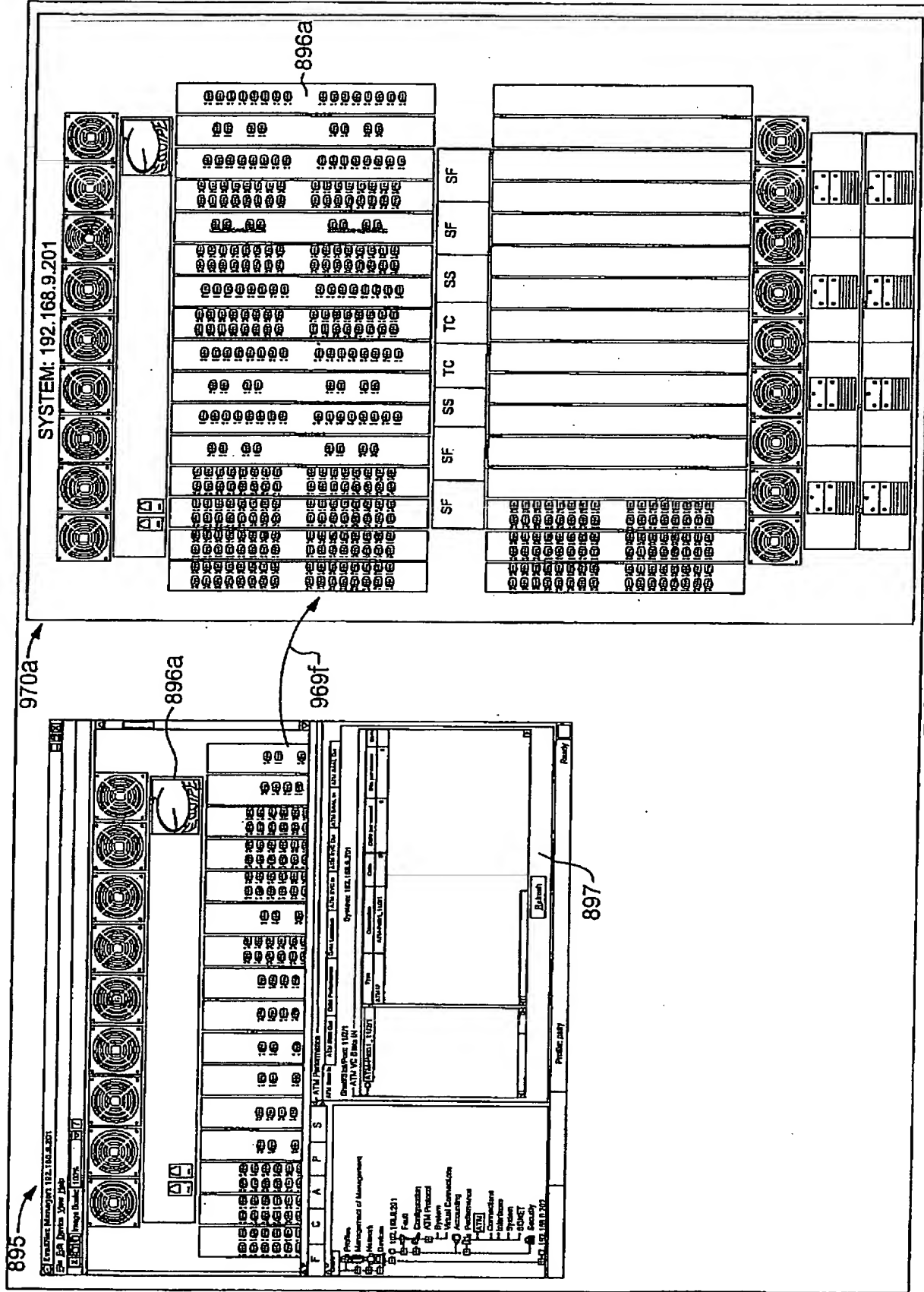


FIG. 9M

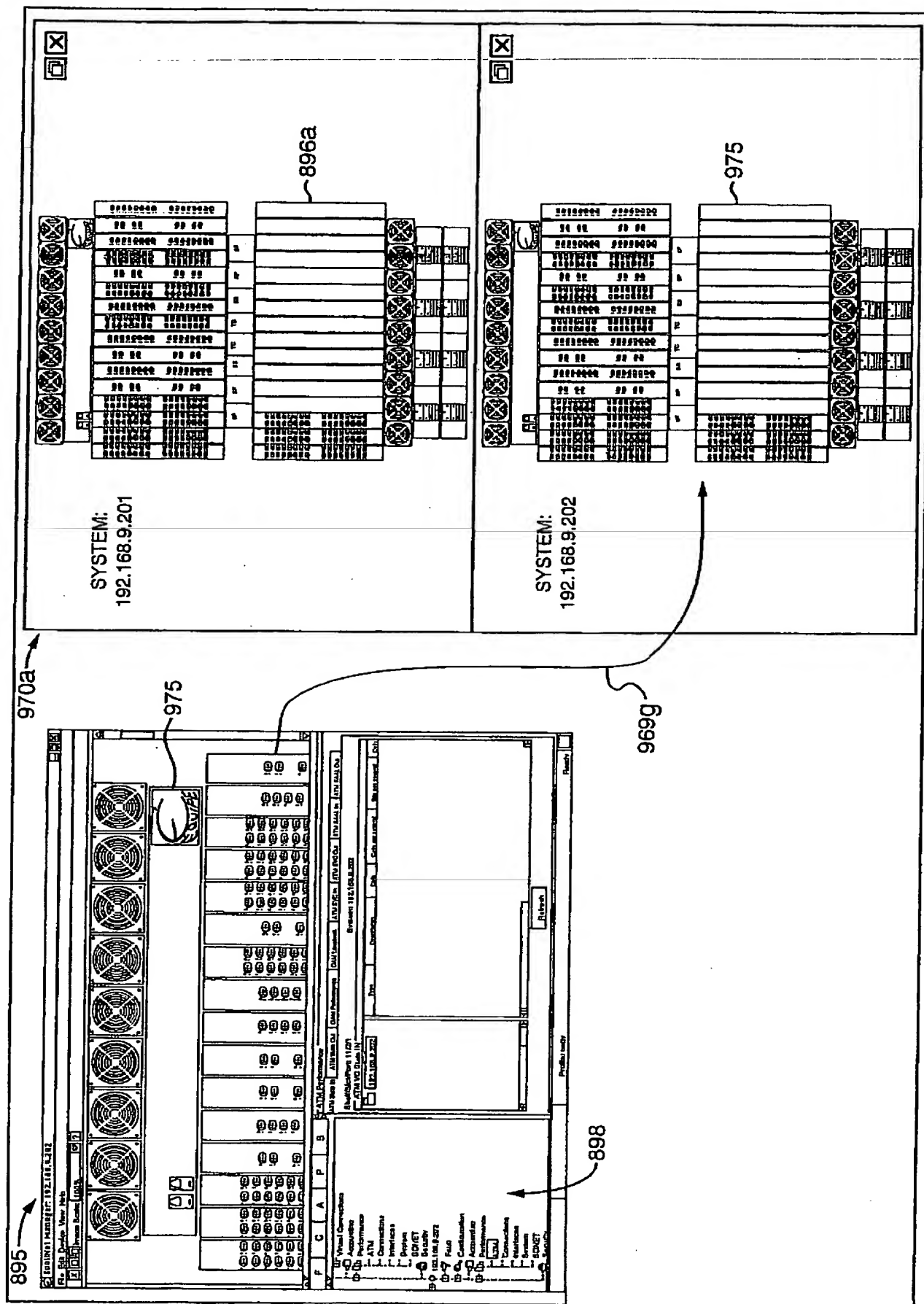


FIG. 9N

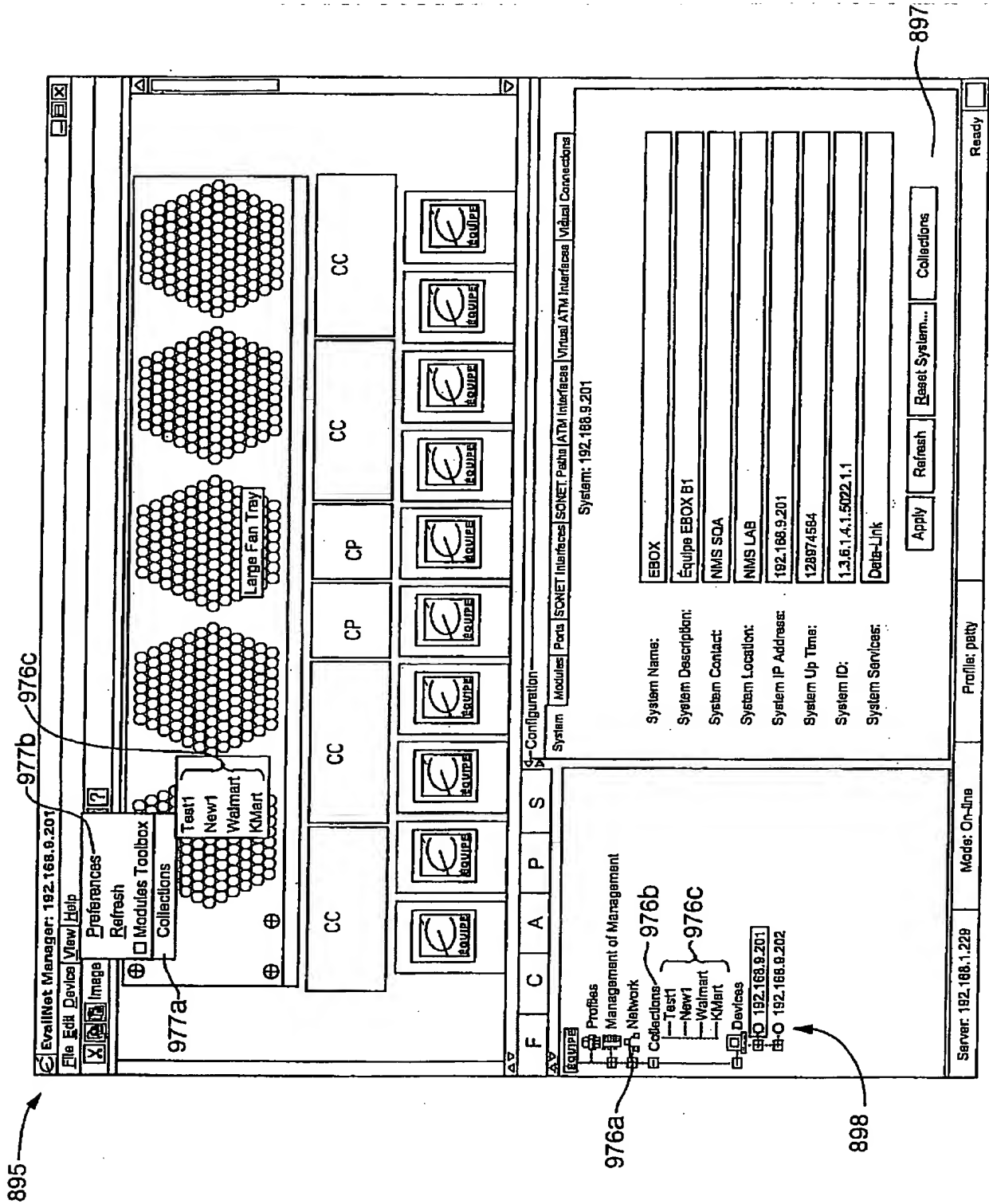
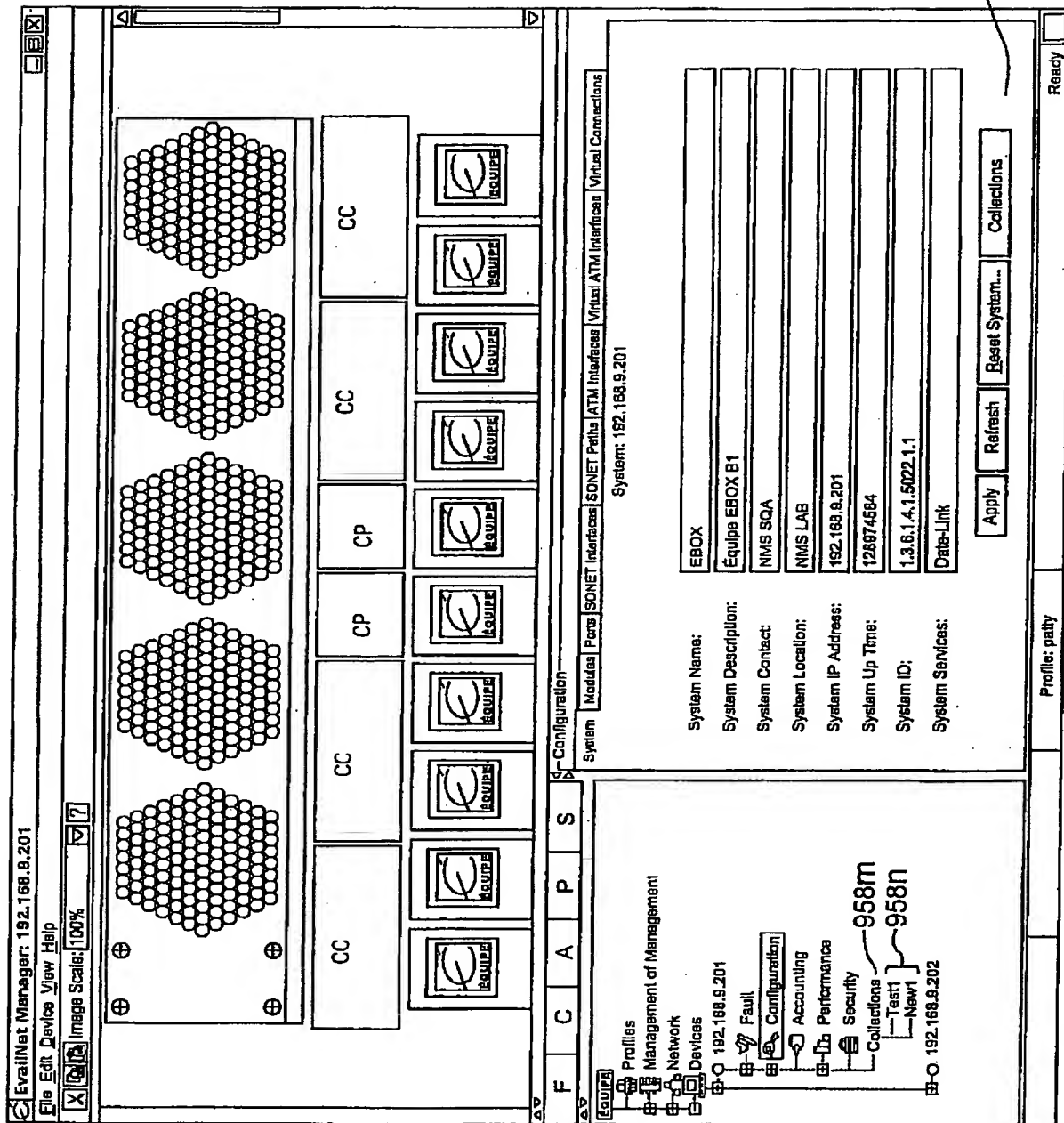


FIG. 10A

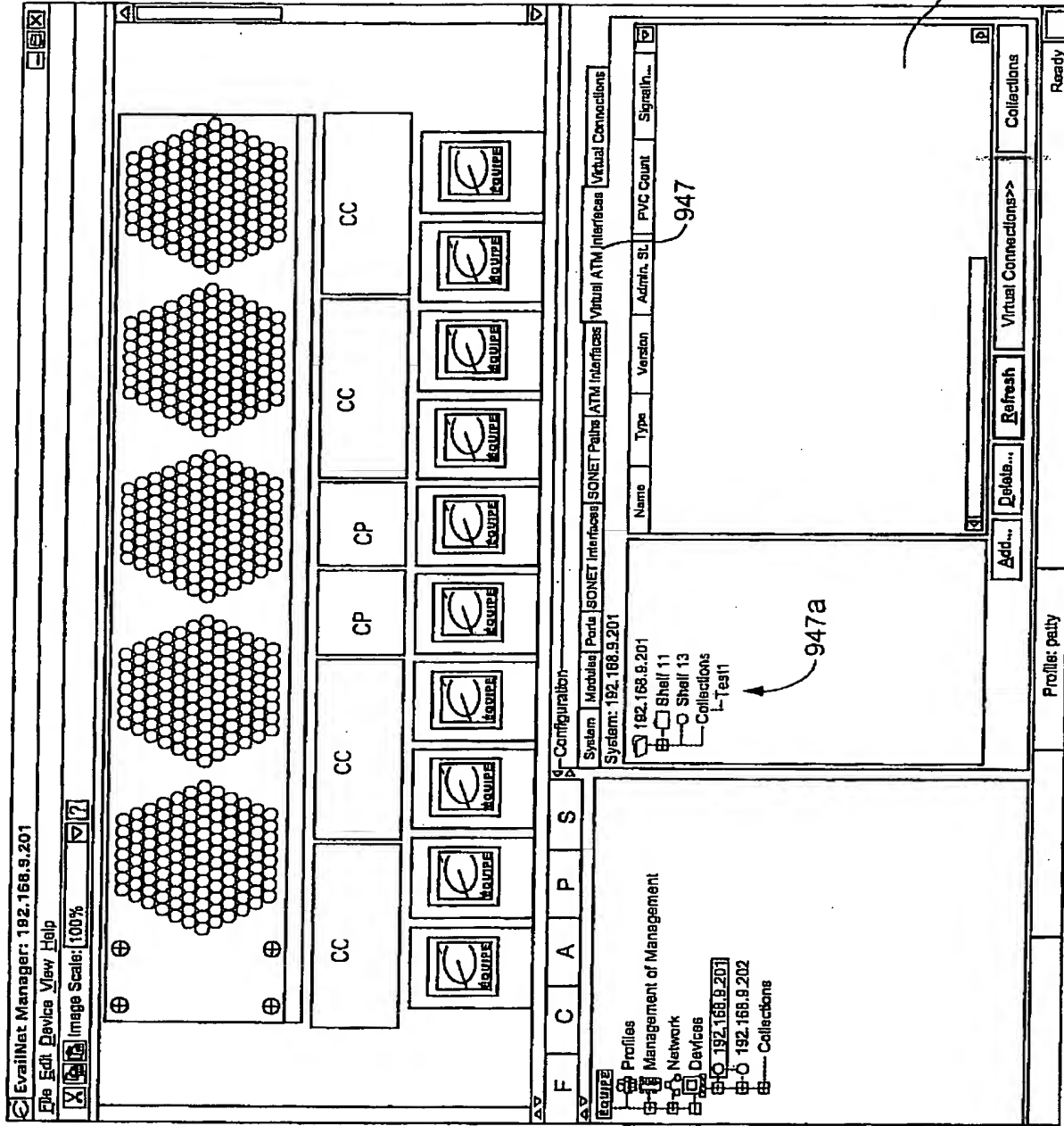
895



897

FIG. 10B

895



897

FIG. 10C

Collection Name:

526

FIG. 10E

OK	Extling Collections:
	Test1
	New1
	Weimart
	KMart

979q-

FIG. 10F

979a

q626

979C

895

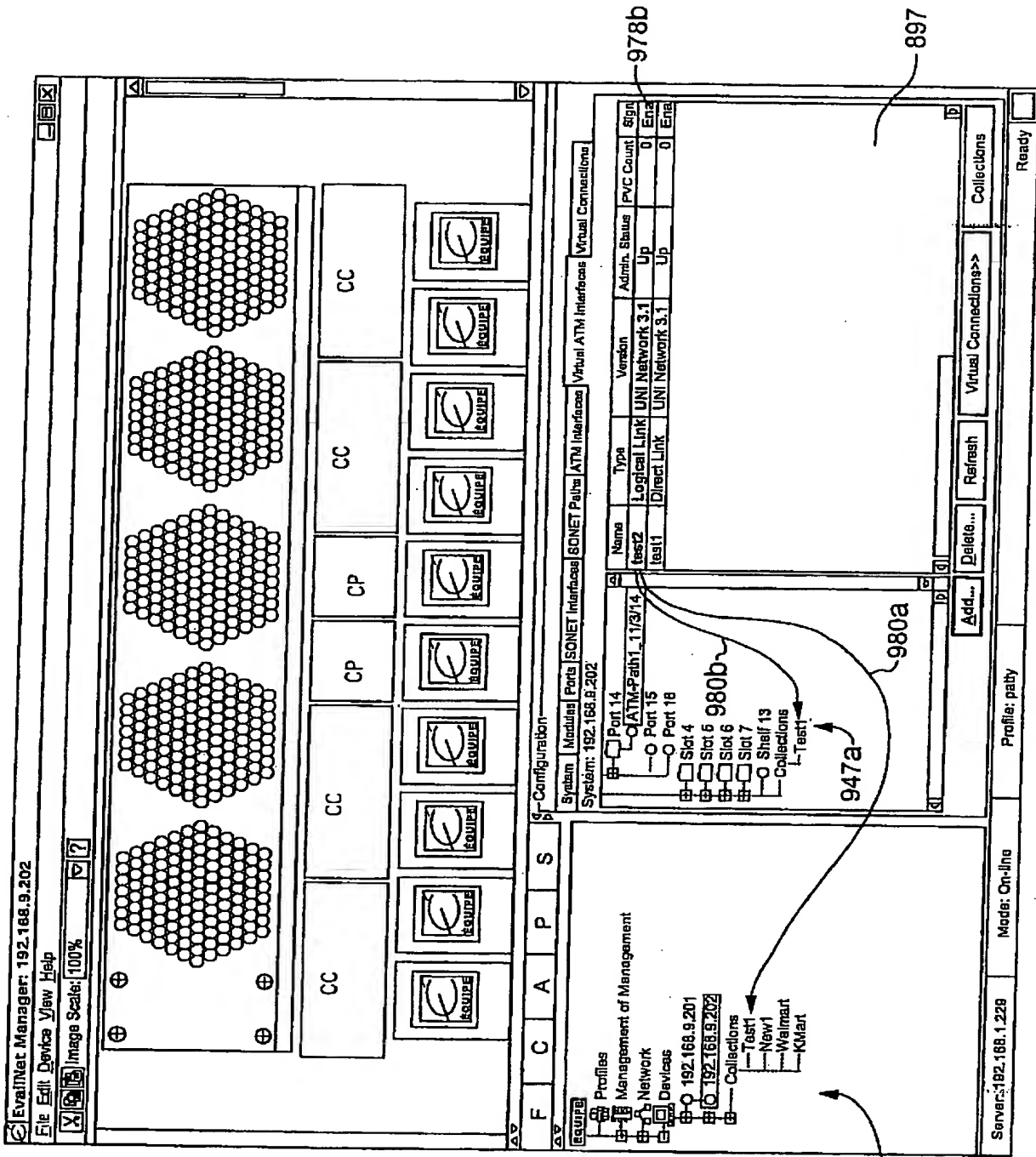


FIG. 10G

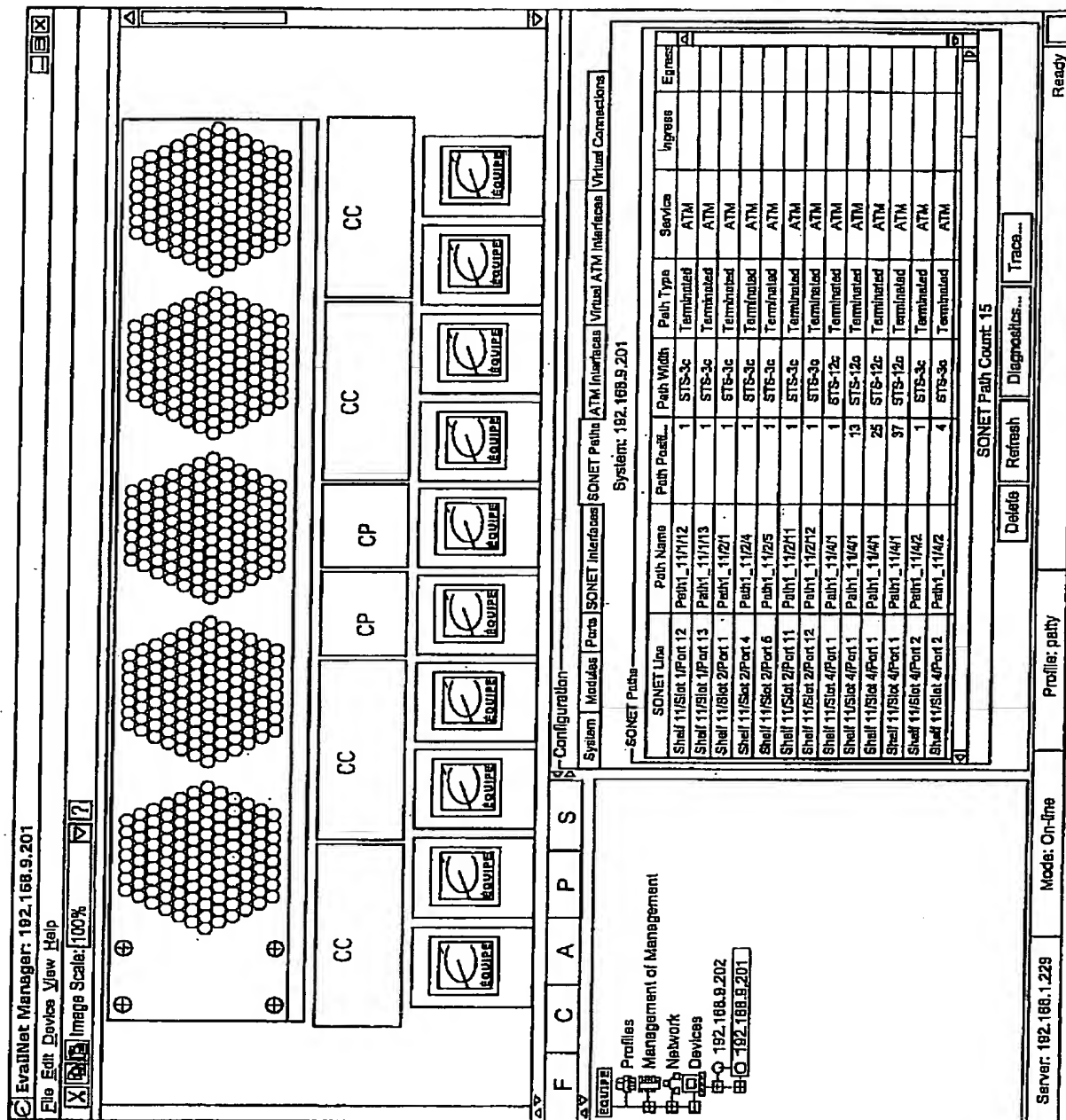


FIG. 10H

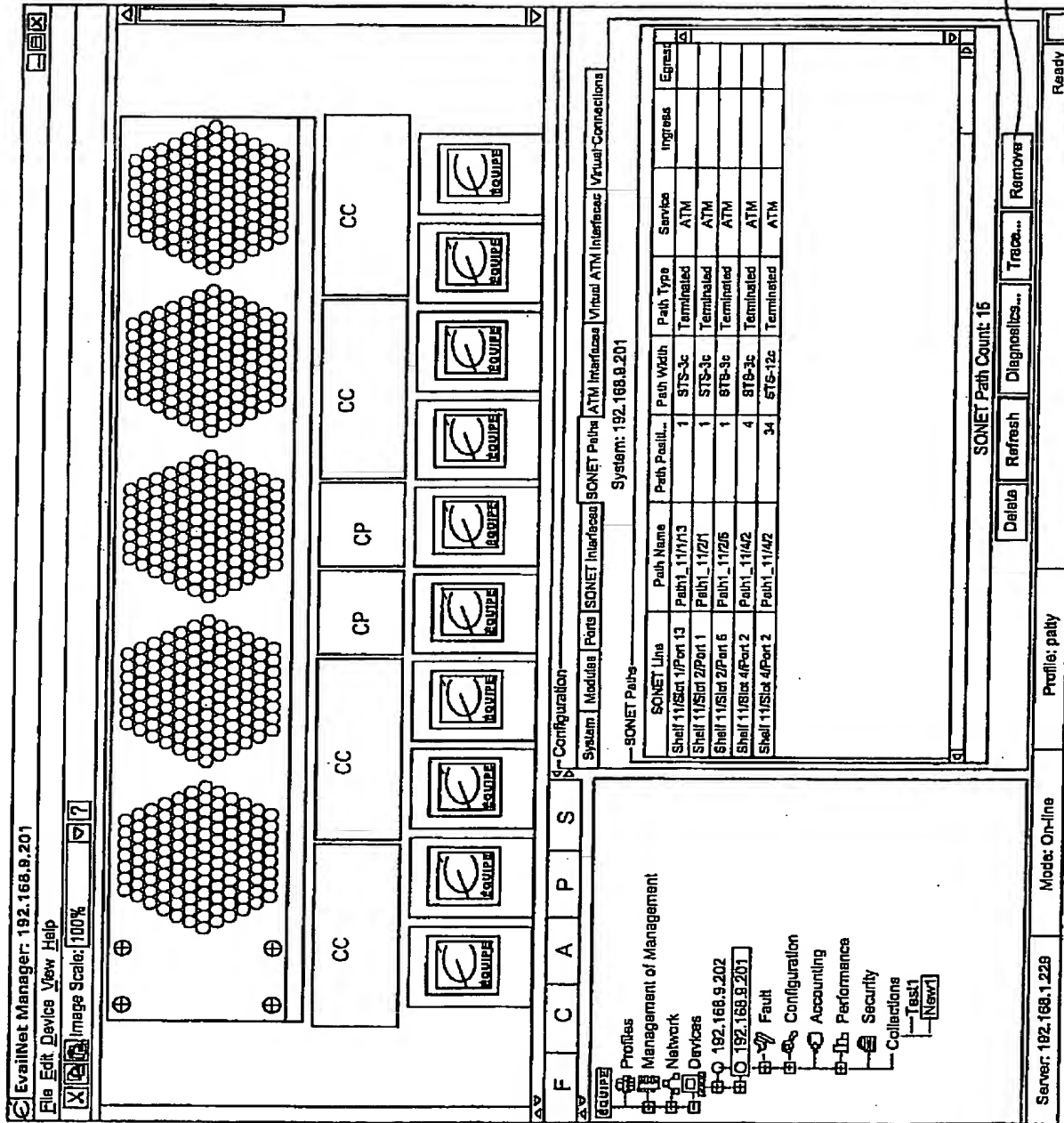


FIG. 101

903

Profiles

System: 192.132.60.150

Profile Manager

Name	Description	Security Level	Timeout	Primary Server	Secondary Server
Joe	Joe Whitehouse	Admin	15	192.168.1.32	192.168.1.32
Wayne	Wayne Arena	Provisioner	15	TeamServer1:192...	TeamServer2:192.168.1.32

Add

Delete...

Refresh

Copy

904

905

906

FIG. 11A

907

General

Username: Kevin 908a

Description: Kevin Snow user account 908e

Group Name: Equipe 908f

Group Level Access: ☒ 908d

Password: ***** 908b

Confirm Password: ***** 908c

Policies

☒ User Cannot Change Password 908h

☐ Account Disabled 908i

☒ User Can Add Devices 908j

User Session Timeout: 908k Minutes

FIG. 11B

TO
FIG. 11B CONTINUED

FROM
FIG. 11B

Servers

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.221

6503

Devices

Device	READ	READWRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
192.168.9.205	public	equipe	3	3
192.168.9.216	public	equipe	3	3

908g

908p

908q

908r

908s

Add

Delete

908t

OK

Cancel

FIG. 11B CONTINUED

General

Policies

Servers

Devices

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.205

6503

908t

OK

Cancel

FIG. 11C

General

Policies

Servers

Devices

Device	READ	READ/WRITE	Retry	Timeout	Trap Port
192.168.9.202	public	equipe	3	3	162
192.168.9.205	public	equipe	3	3	162
192.168.9.216	public	equipe	3	3	5012

Add

Delete

908t

OK

Cancel

FIG. 11D

				<div>[-] [] [X]</div>		
		General		Policies	Servers	Devices
Username:		Kevin				
Description:		Kevin Snow user account				
Customer Name:		Equipe				
Group Level Access:		<input type="checkbox"/>				
Password:		*****				
Confirm Password:		*****				
		908t		<div>OK Cancel</div>		

FIG. 11E

General

Policies

Servers

Devices

☐ User Cannot Change Password

☐ Account Disabled

☒ User Can Add DeVICES

User Session Timeout:

15

Minutes

908t

OK

Cancel

FIG. 11F

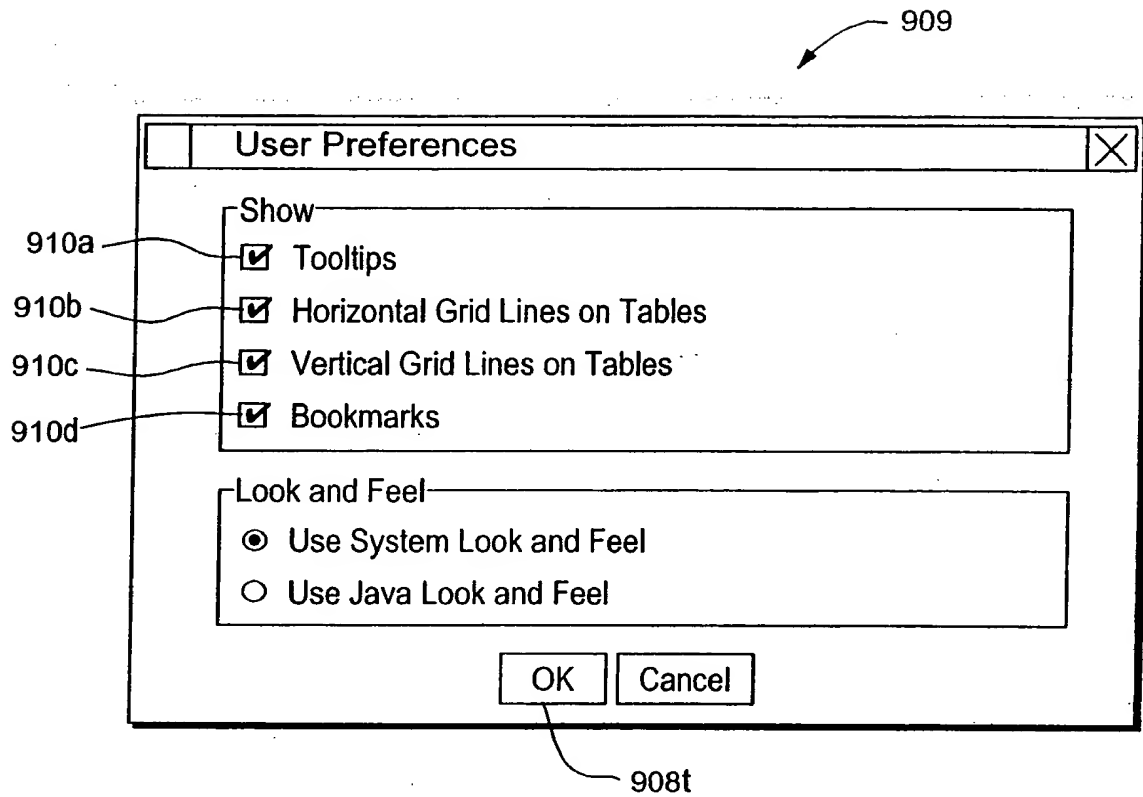


FIG. 11G

907

General

Username: Kevin 908a

Description: Kevin Snow user account 908e

Group Name: Equipe 908f

Group Level Access: ☒ 908d

Password: ***** 908b

Confirm Password: ***** 908c

Policies

☒ User Cannot Change Password 908h

☐ Account Disabled 908i

☒ User Can Add Devices 908j

User Session Timeout: 15 908k Minutes

TO

FIG. 11H CONTINUED

FIG. 11H

FROM
FIG. 11H

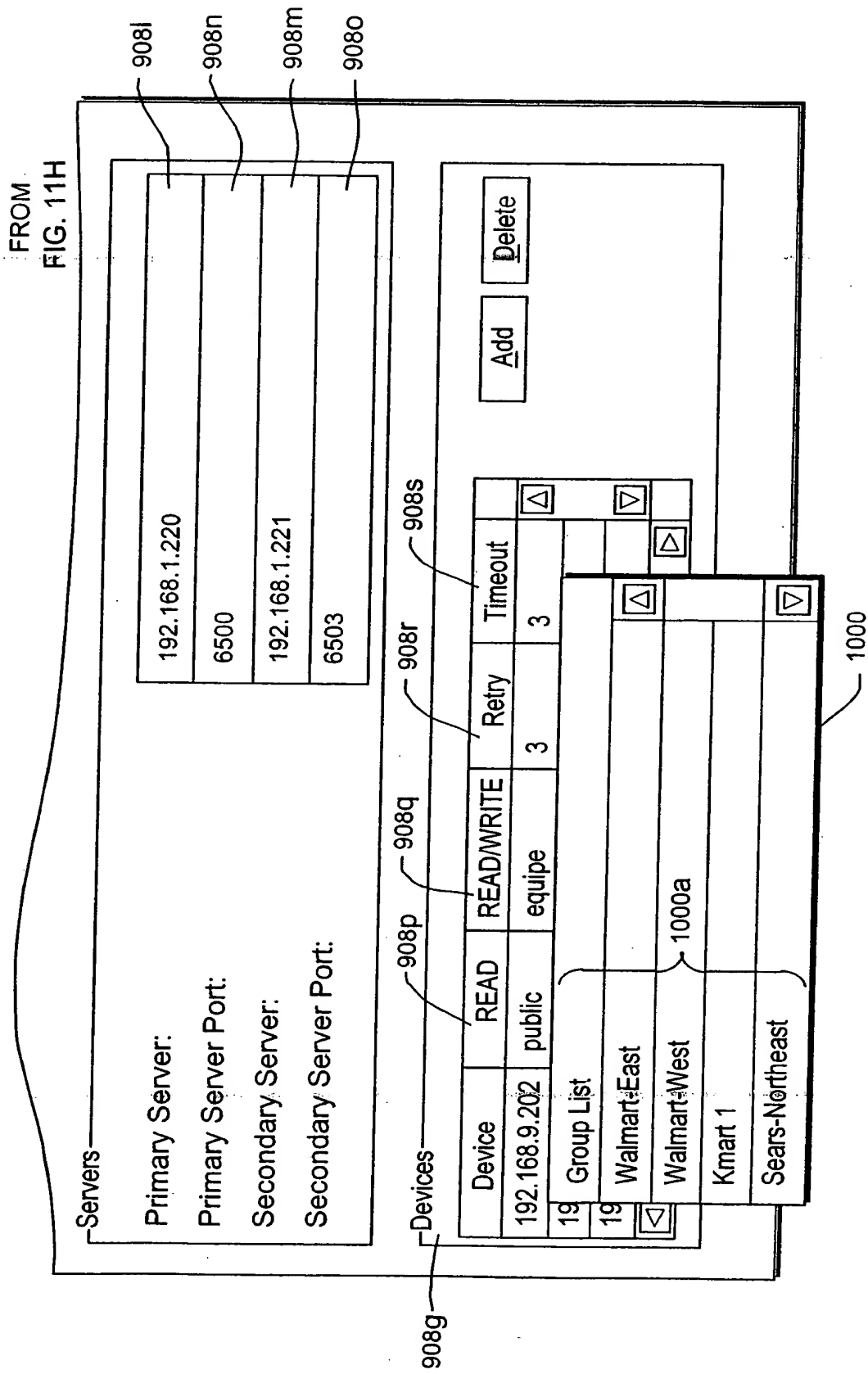


FIG. 11H CONTINUED

EvailNet Manager: SONET Path Configuration - 11/8/5

System: 192.168.9.201

SONET Line

Slot 8 Port 5 Type OC12

SONET Path Wizard

☒ Configure a single concatenated path (STS-12c)
 ☐ Configure
 ☐ Custom Configuration

4

STS-3c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/8/5	Path1_11/...	1	STS-12c	Termin.	ATM		

1002e

Modify

Graphical Representation

Position

Width

1

STS-12C

1002d

1002b

Group Name:

1002c

OK

Cancel

FIG. 11I

1002

EvailNet Manager: SONET Path Configuration - 11/8/5

X

SONET Line

System: 192.168.9.201

Slot 8 Port 5 Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)
 ☒ **Configure** 4 STS-3c paths
 ☐ Custom Configuration

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/8/5	Path1_11/8/5	1	STS-3c	Termin.	ATM		
11/8/5	Path2_11/8/5	4	STS-3c	Termin.	ATM		
11/8/5	Path3_11/8/5	7	STS-3c	Termin.	ATM		
11/8/5	Path4_11/8/5	10	STS-3c	Termin.	ATM		

1002e

Graphical Representation

Position	Width
1	STS-3c
4	STS-3c
7	STS-3c
10	STS-3c

Group Name:

1002d

1002c

1002a

FIG. 11J

EvailNet Manager: SONET Path Configuration - 11/8/5

System: 192.168.9.201

SONET Line

Slot

8

Port

5

Type

OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☐ Configure

☒ Custom Configuration

4

paths

STS-3c

Functions

Available SONET Paths

STS-3c

Add>

<Remove

<<Clear

Allocated SONET Paths

STS-3c

STS-3c

STS-3

STS-3

↑

↓

Path Table

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
11/8/5	Path1_11/8/5	1	STS-3c	Terminated	ATM		△
11/8/5	Path2_11/8/5	4	STS-3c	Terminated	ATM		
11/8/5	Path3_11/8/5	7		Terminated	ATM		▽

1002e

Modify

1002a

1002d

OK

Cancel

Group Name

1002b 1002c

Graphical Representation

Position

1

Width

STS-3c

Position

4

Width

STS-3c

FIG. 11K

MANAGED RESOURCE GROUP TABLE 1008

1008a	LID	MANAGED DEVICE PID	GROUP NAME	1008c
	1145	1	WALMART-EAST	1008d
	⋮	⋮	⋮	

FIG. 11L

MANAGED RESOURCE TABLE 1007

1007a	LID	RESOURCE LID	MANAGE RESOURCE GROUP LID	1007c
	4443	901	1145	
	⋮	⋮	⋮	

FIG. 11M

Add V-ATM Interface - 192.168.9.201 [X]

Shelf/Slot/Port: 11/4/2 Path Name: Path2_11/4/2 1004

Virtual ATM Interface Parameters

Name (Alias):	<input type="text"/>
Connection Type:	Direct Link <input type="button" value="v"/>
Version:	UNI Network 3.1 <input type="button" value="v"/>
Admin. Status:	Up <input type="button" value="v"/>
Group Name:	<input type="text"/> <input type="button" value="v"/> 1004b

1004a

OK Cancel 1004c

1004c

FIG. 11N

1006

EvailNet Manager: 192.168.9.201-Virtual Connection Wizard

Source: 192.168.9.201Destination: 192.168.9.201

End Point 1

192.168.9.201

Shelf 11

Slot 1

Slot 2

Slot 3

Slot 4

Port 1

Port 2

ATM-Path2_11/4/2

End Point 1

192.168.9.201

Shelf 11

Shelf 13

Connection Parameters

Connection Name:

Admin Status:Up1006b

Group Name:Group List

End Point 1 Parameters:

VPI:

VCI:

Transmit Traffic Descriptor:

Receive Traffic Descriptor:

Use the same Traffic Descriptor for both Transmit and Receive

Use Any VPI Value

Use Any VCI Value

Add Traffic Descriptor...

End Point 2 Parameters:

VPI:

VCI:

Transmit Traffic Descriptor:

Receive Traffic Descriptor:

Use the same Traffic Descriptor for both Transmit and Receive

Use Any VPI Value

Use Any VCI Value

Add Traffic Descriptors...

<Back

Finish1006c

Cancel

FIG. 110

USER TABLE 1010

LID	USERNAME	PASSWORD	GROUP LEVEL ACCESS
2012	DAVE	MARBLE	PROVISIONER
⋮	⋮	⋮	

FIG. 11P

USER MANAGED DEVICE TABLE 1012

LID	USER LID	HOST LID	RETRY	TIMEOUT
7892	2012	9046		
⋮	⋮	⋮	⋮	⋮

FIG. 11Q

ADMINISTRATION MANAGED DEVICE TABLE 1014

LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD	VIEWER PASSWORD
9046	192.168.9.202	1521			TEAM 1	TEAM 2	TEAM 3
.
.
.

FIG. 11R

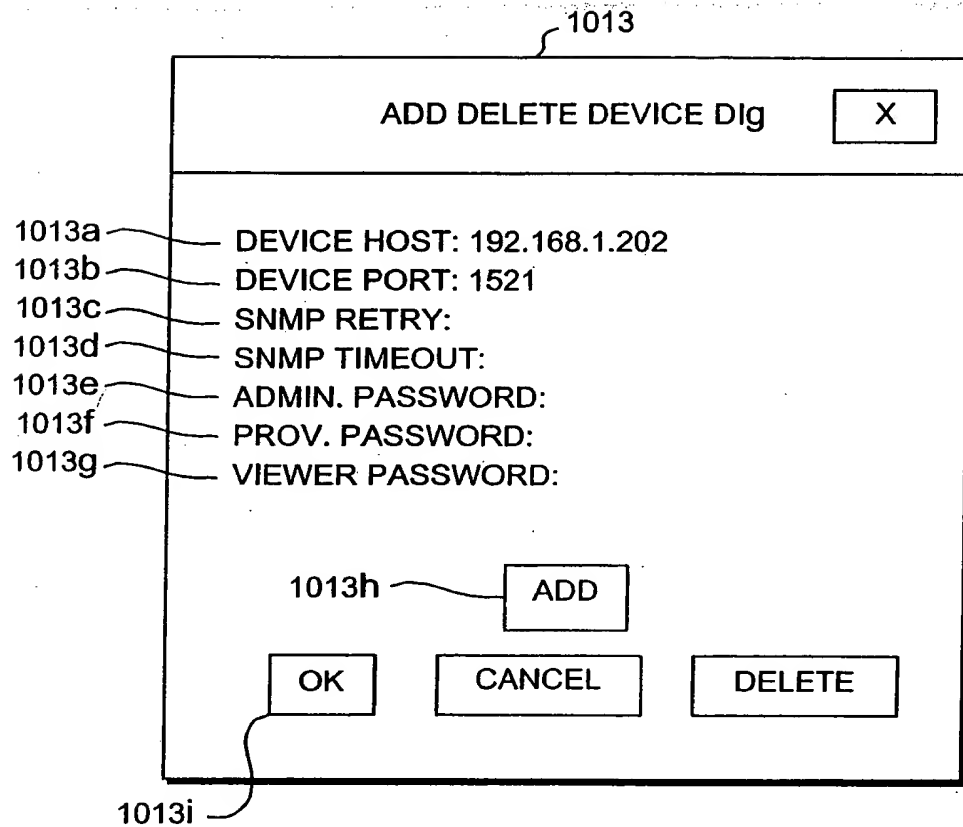


FIG. 11S

USER RESOURCE GROUP MAP TABLE 1016

LID	USER LID	USER RESOURCE GROUP LID
8086	2012	1024
⋮	⋮	⋮

FIG. 11T

USER RESOURCE GROUP TABLE 1018

LID	HOST LID	GROUP NAME
1024	9046	WALMART-EAST
⋮	⋮	⋮

FIG. 11U

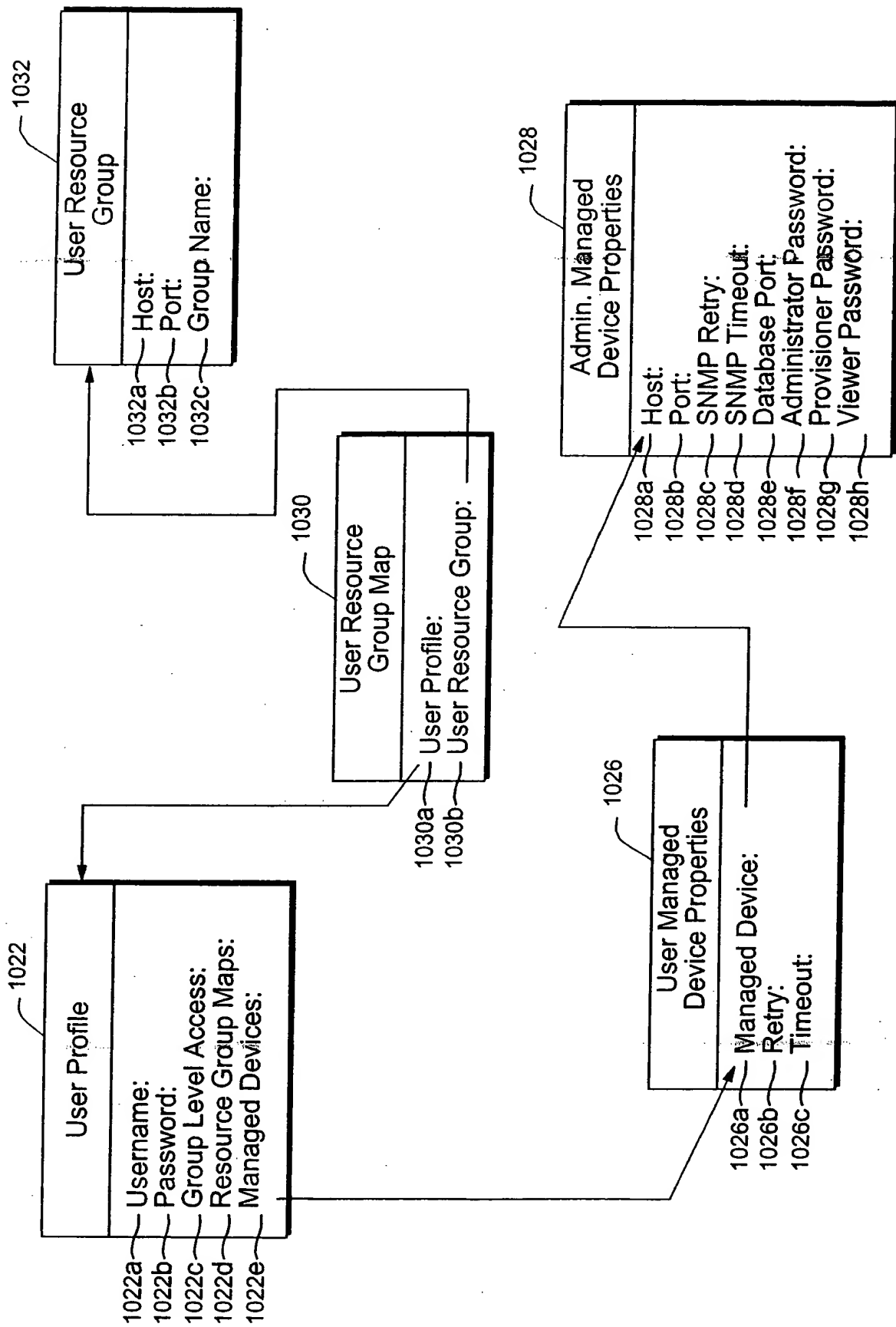


FIG. 11V

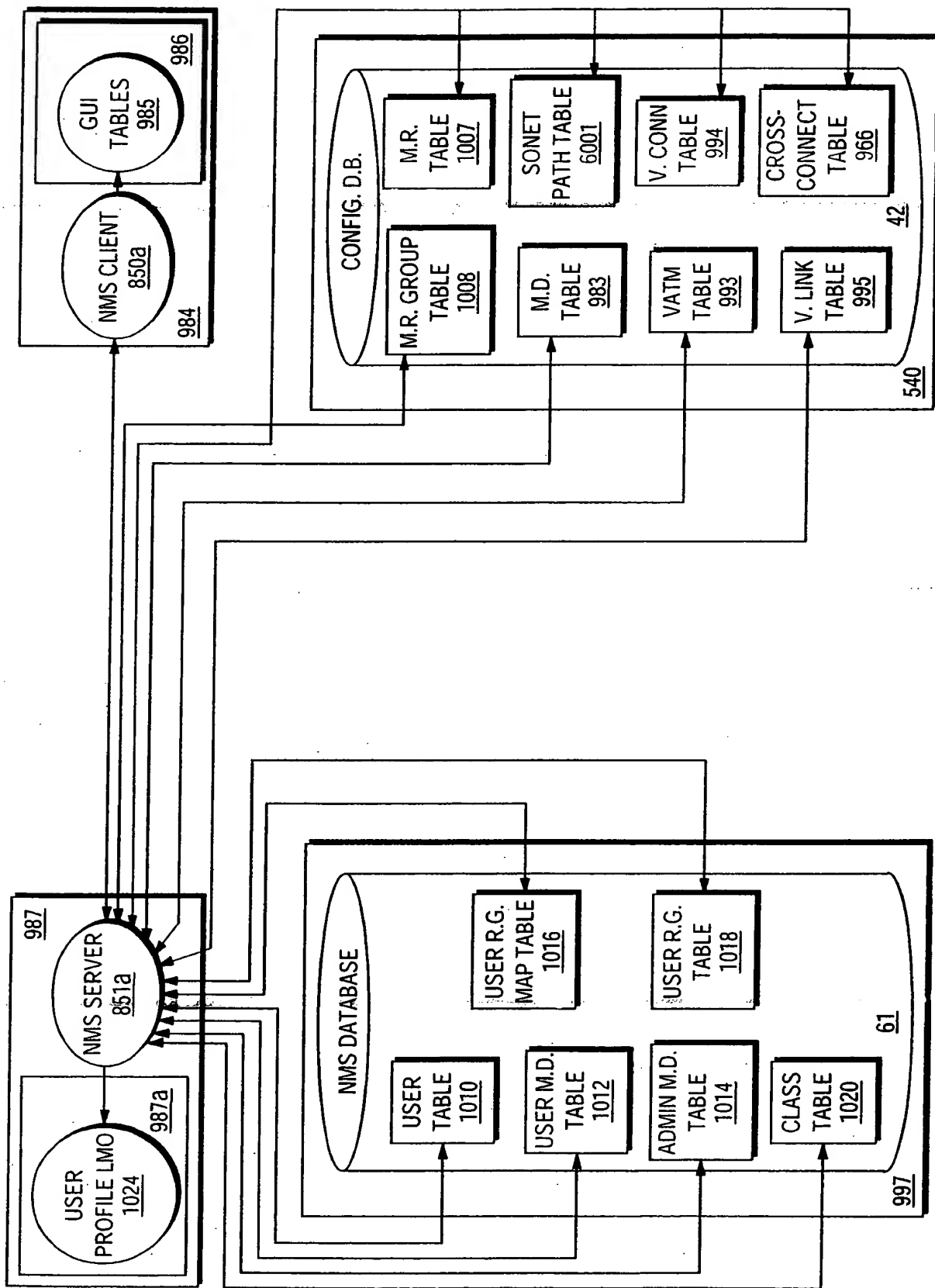


FIG. 11W

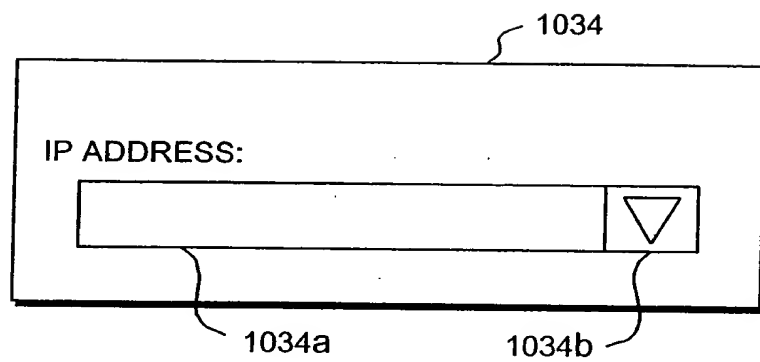


FIG. 11X

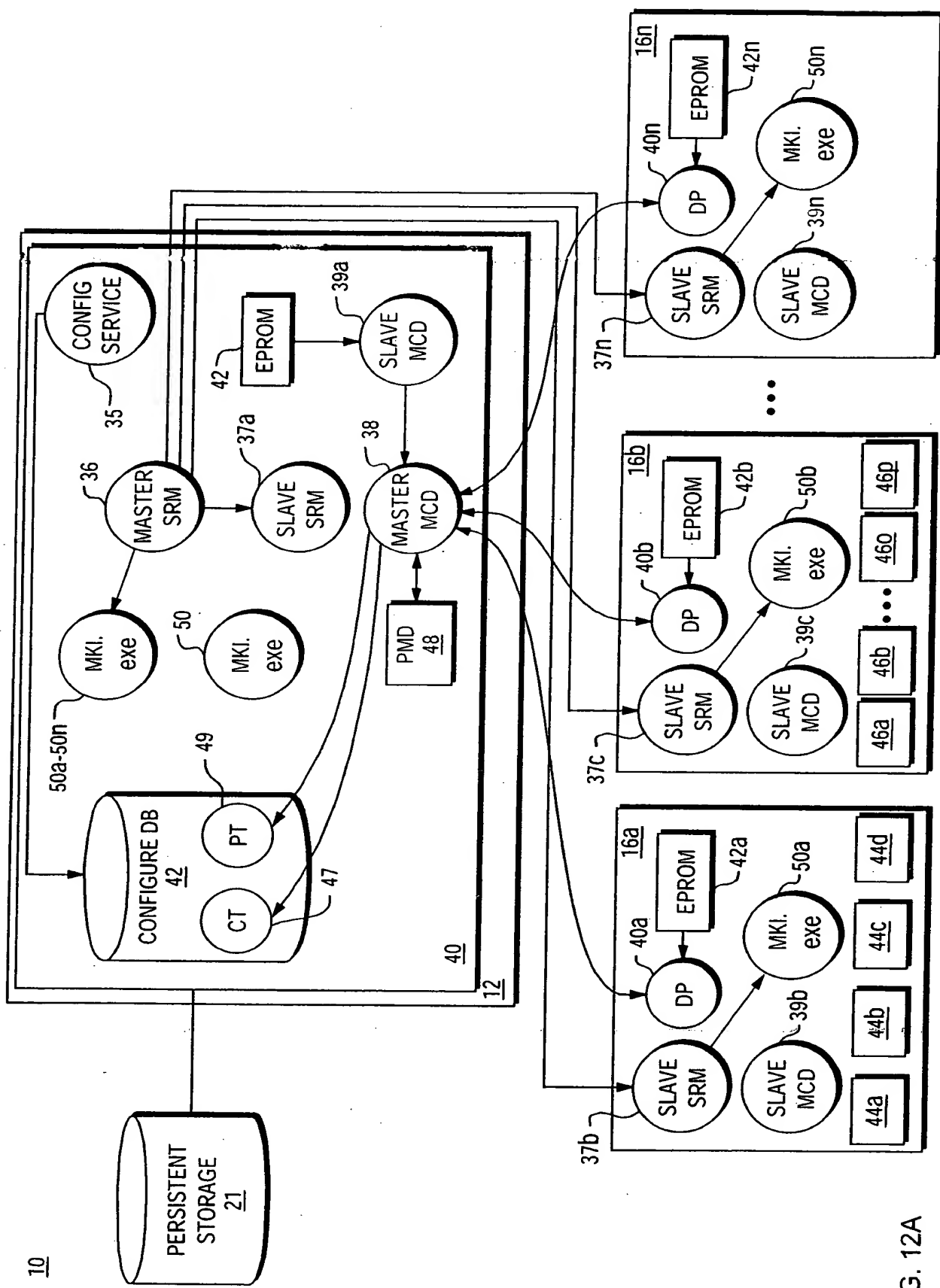


FIG. 12A

CARD TABLE 47

	PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16a	500	0XF002	3	1	
16b	501	0XF002	4	2	
	⋮	⋮	⋮	⋮	⋮
16e	505	0X6002	1	5	
	⋮	⋮	⋮	⋮	⋮
16n	513	0XF002	1	12	
	⋮	⋮	⋮	⋮	⋮

FIG. 12B

PORT TABLE 49

	PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
44a	1504	00820			
46a	⋮	⋮	⋮	⋮	⋮
	1600	00620	1	8	
	⋮	⋮	⋮	⋮	⋮

FIG. 12C

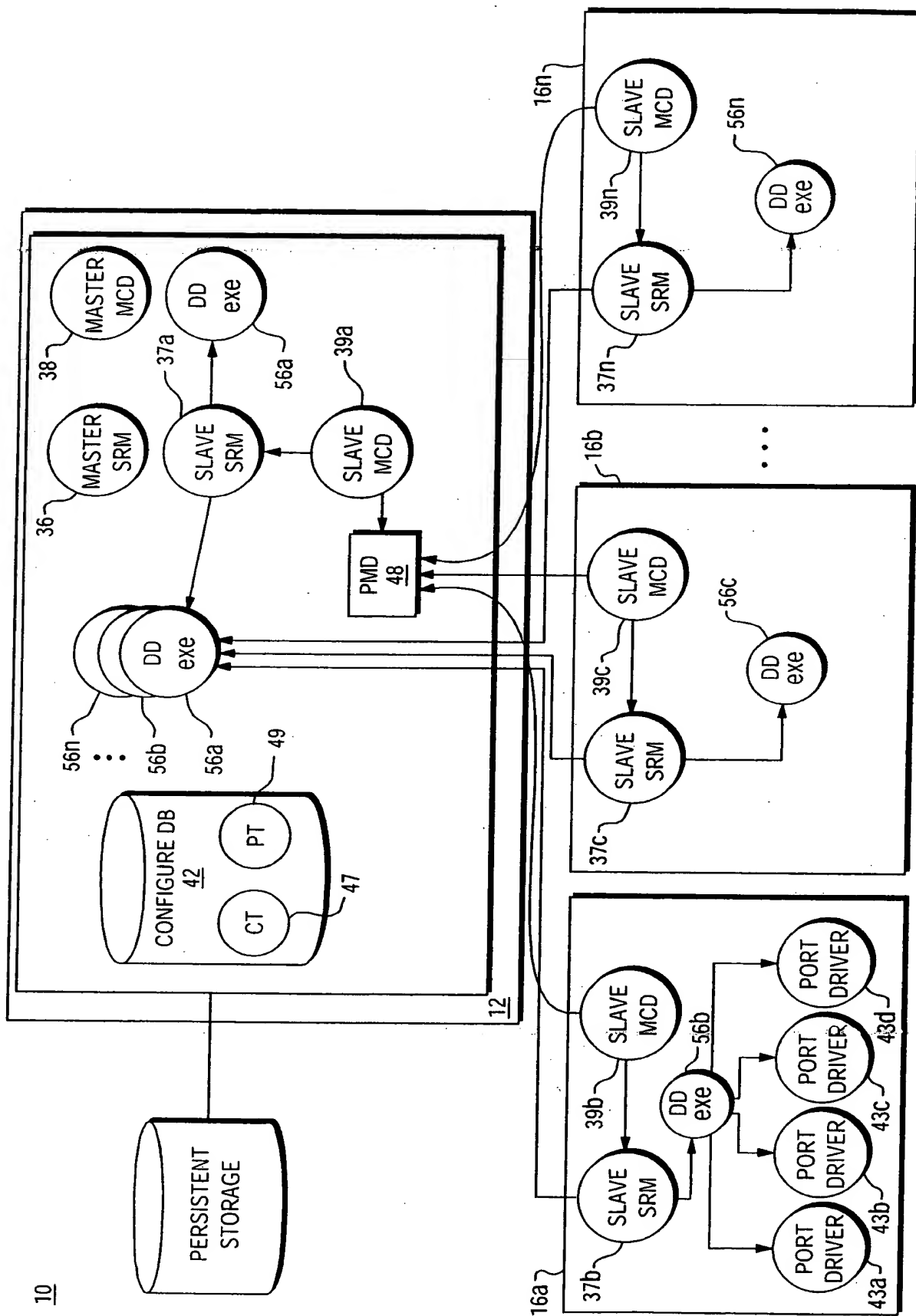


FIG. 13A

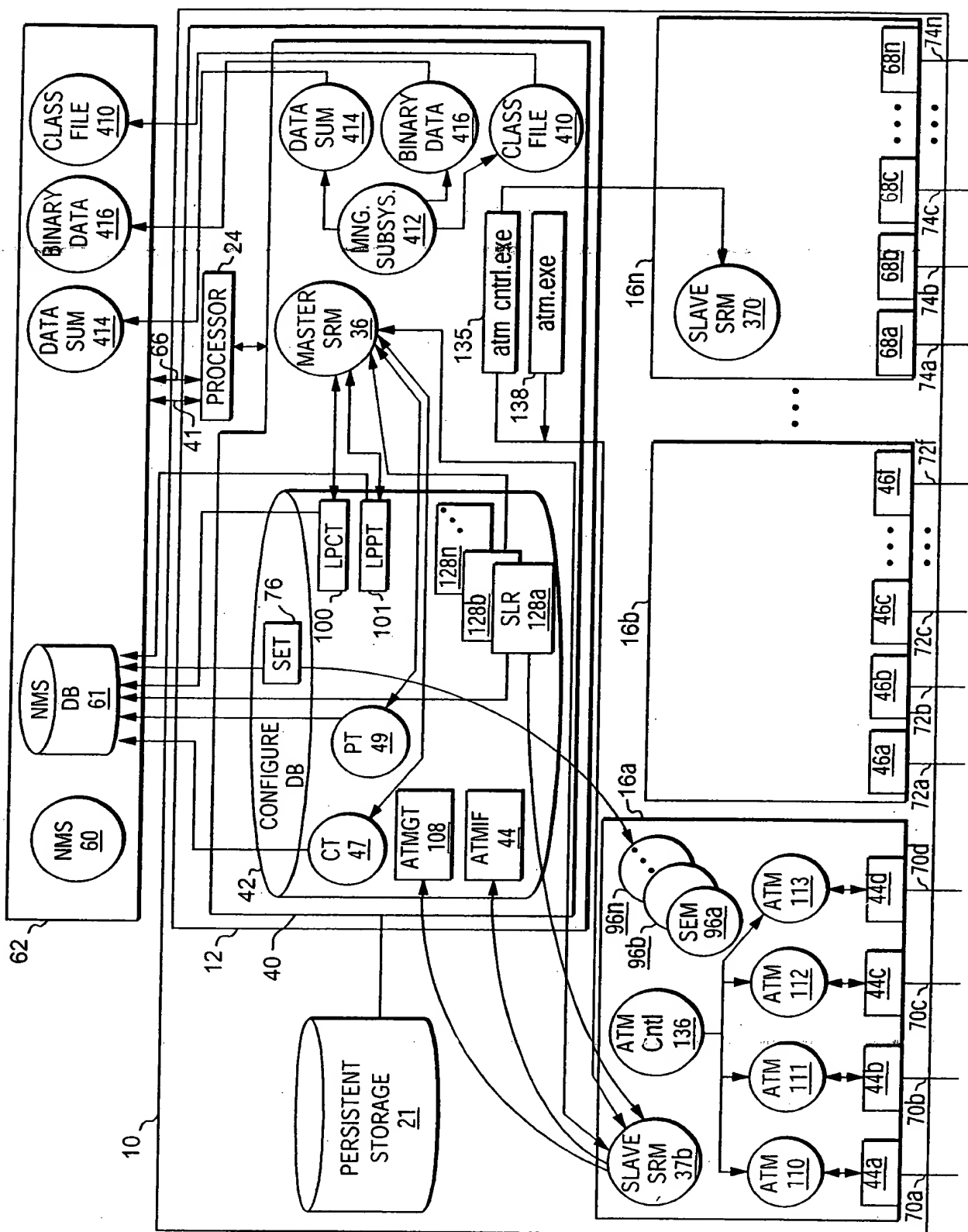


FIG. 13B

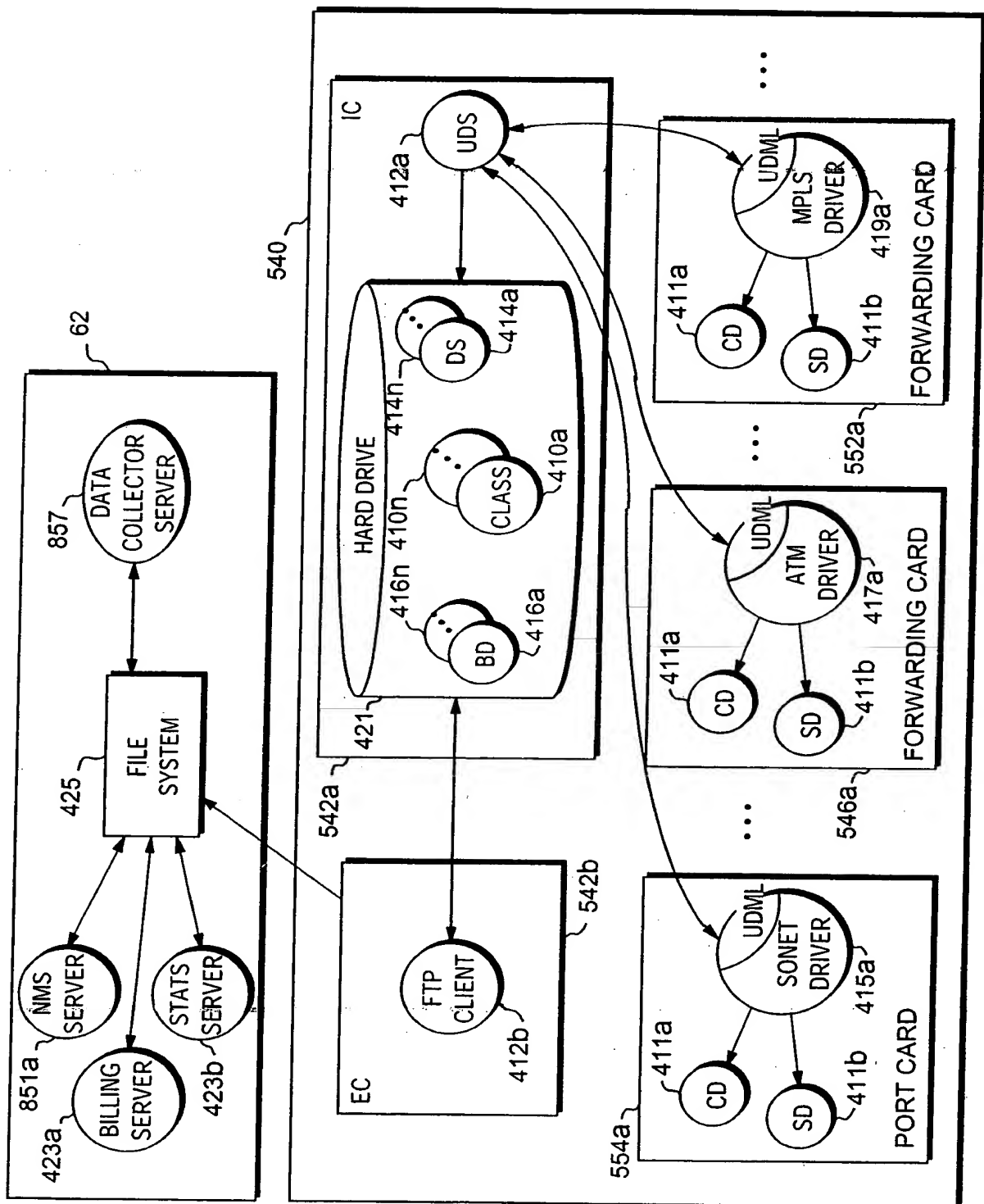


FIG. 13C

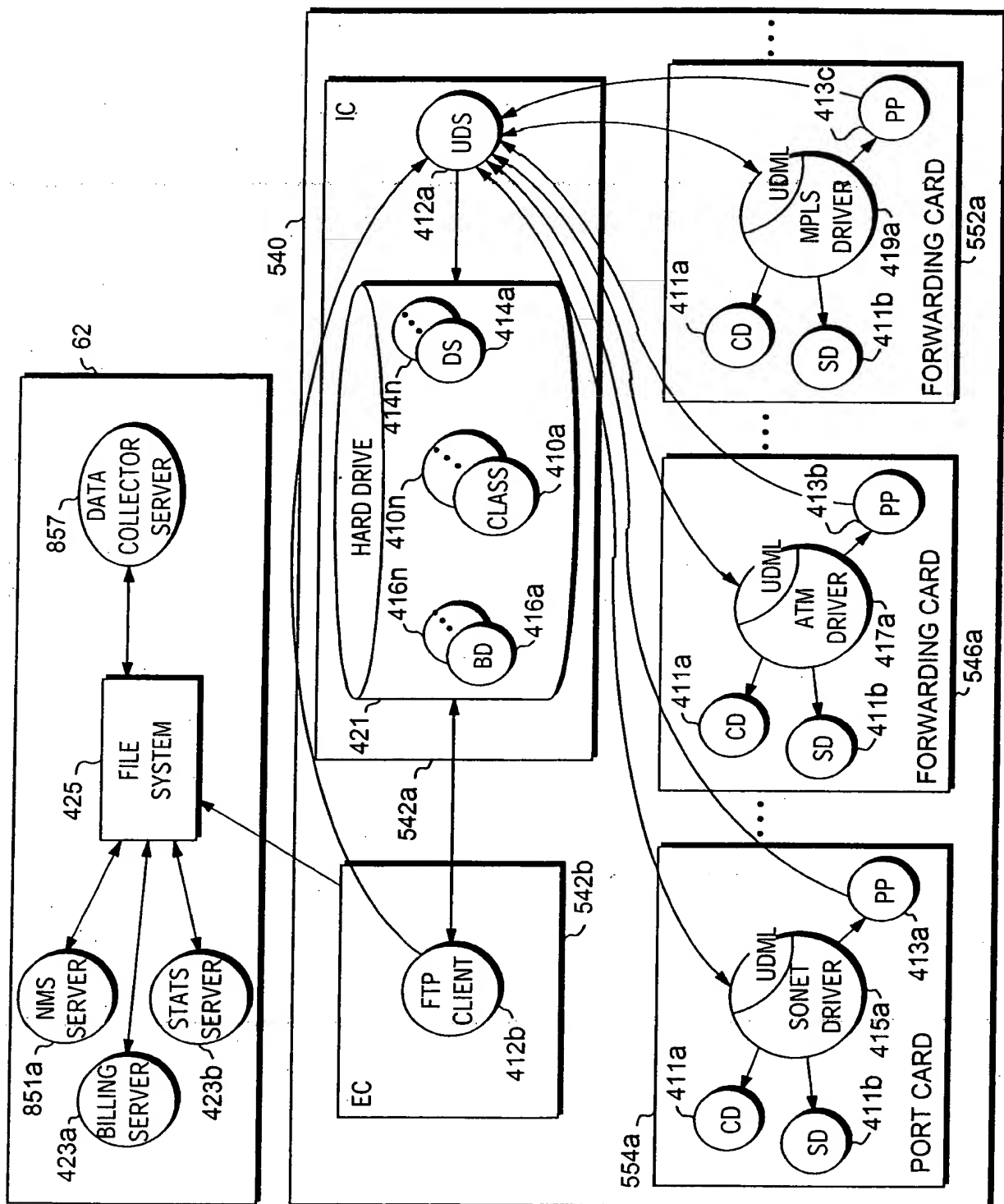


FIG. 13D

SERVICE ENDPOINT TABLE 76

	SERVICE ENDPOINT #	PORT PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮
	⋮	⋮

FIG. 14A

LOGICAL TO PHYSICAL CARD TABLE 100

	98 LID	102 PRIMARY PID	104 BACK-UP PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮
	⋮	⋮	⋮

FIG. 14B

LOGICAL TO PHYSICAL PORT TABLE 101

	98 LID	102 PRIMARY PID	104 BACK-UP PID
107	40	1500	1600
	⋮	⋮	⋮
	⋮	⋮	⋮

FIG. 14C

ATM GROUP TABLE 108

GROUP #	CARD LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14D

ATM INTERFACE TABLE 114

ATM IF	ATM GROUP	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
⋮	⋮	⋮	⋮
12	3	10	
⋮	⋮	⋮	⋮

170

FIG. 14E

SOFTWARE LOAD RECORD 128a

130	CONTROL SHIM	LID	132
134	atm-cntl.exe	30	

FIG. 14F

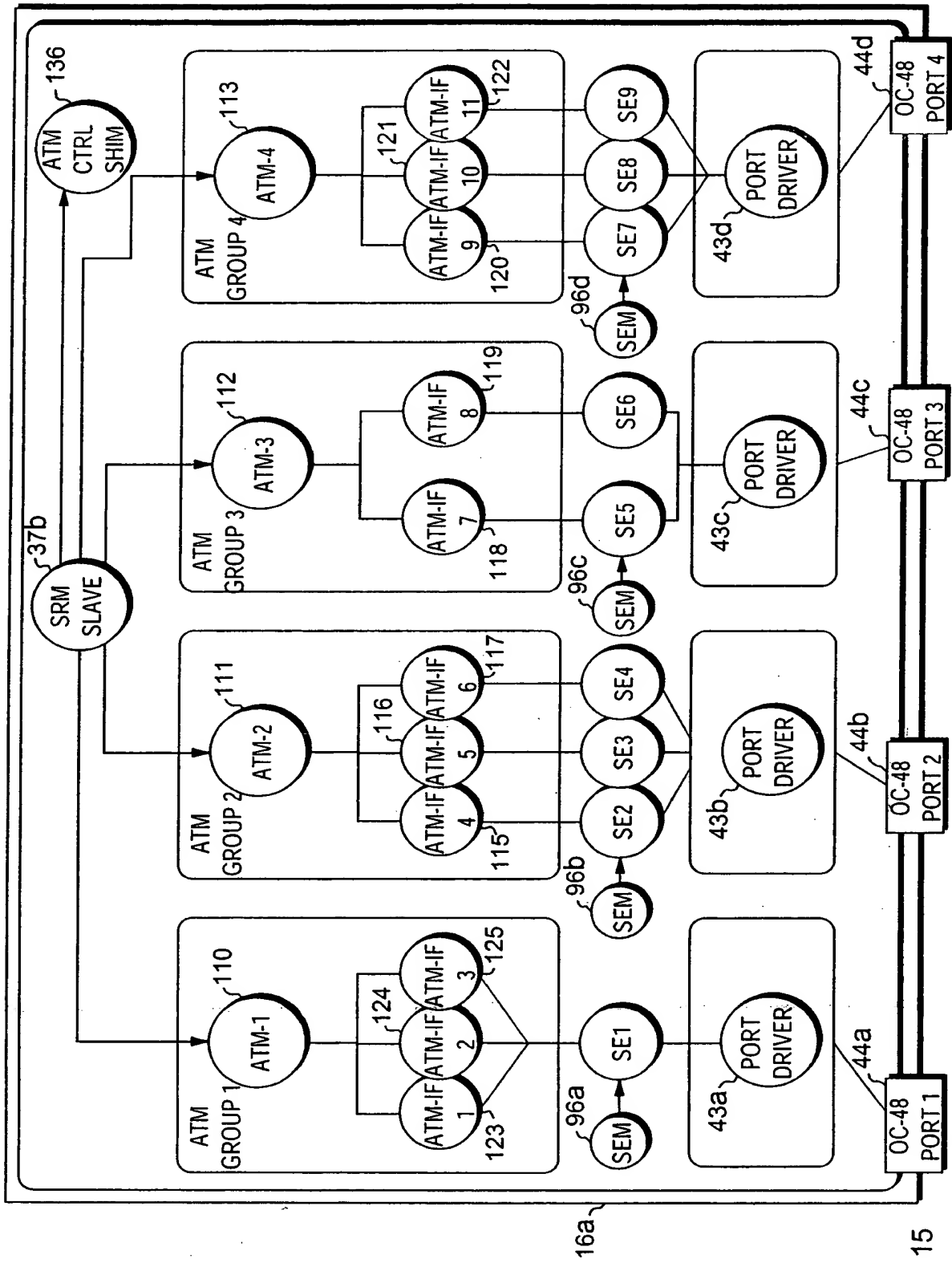


FIG. 15

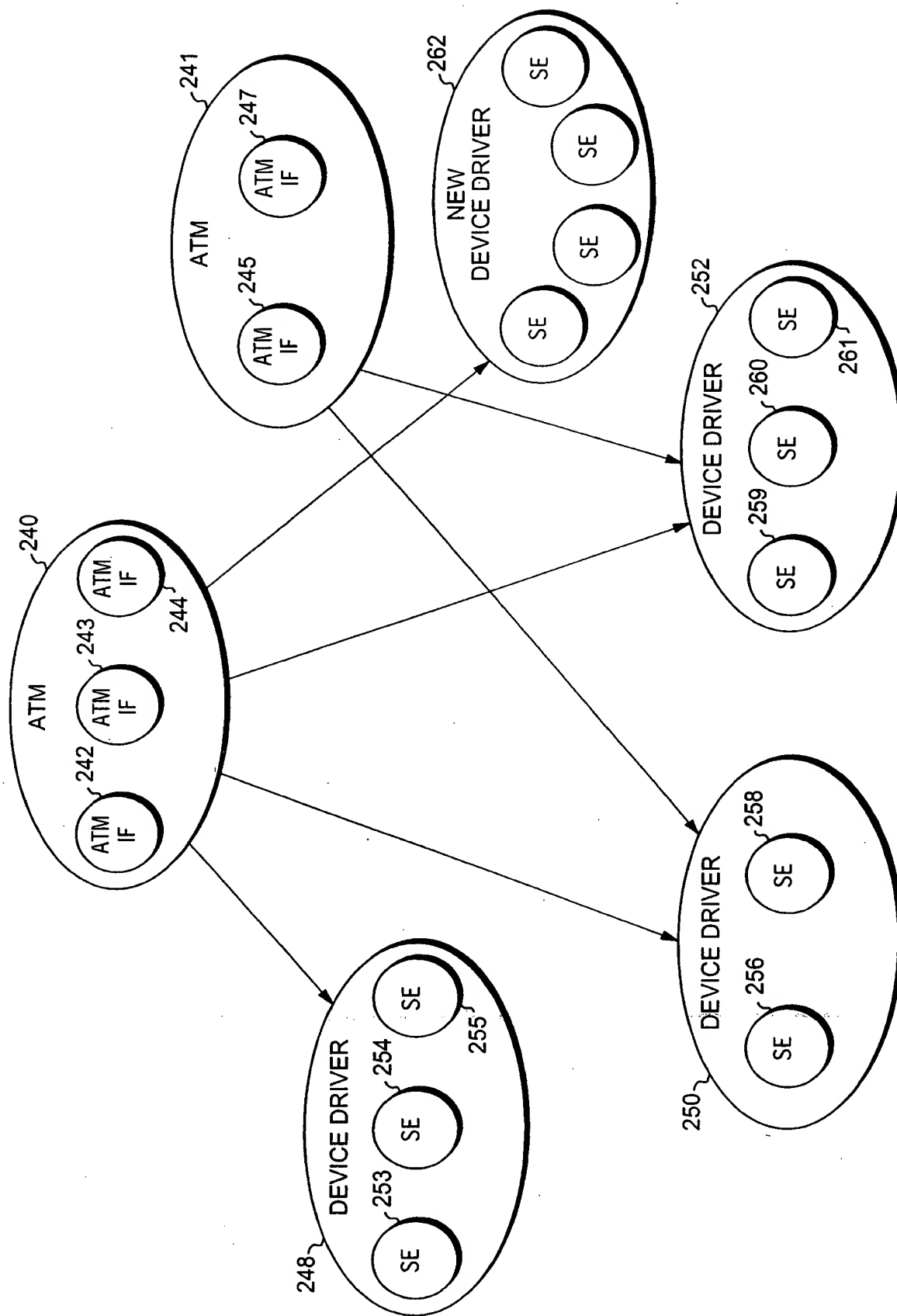


FIG. 16A

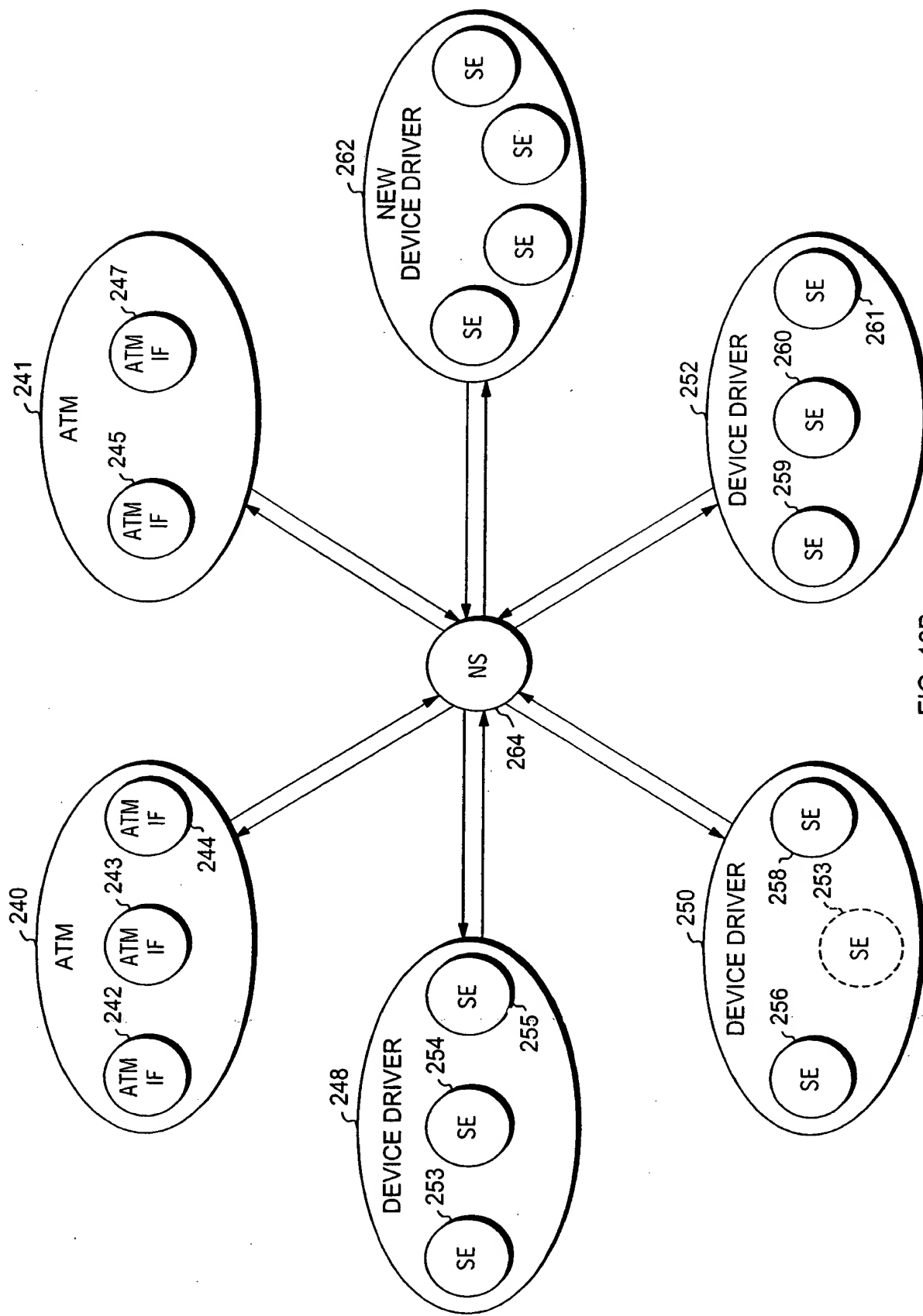


FIG. 16B

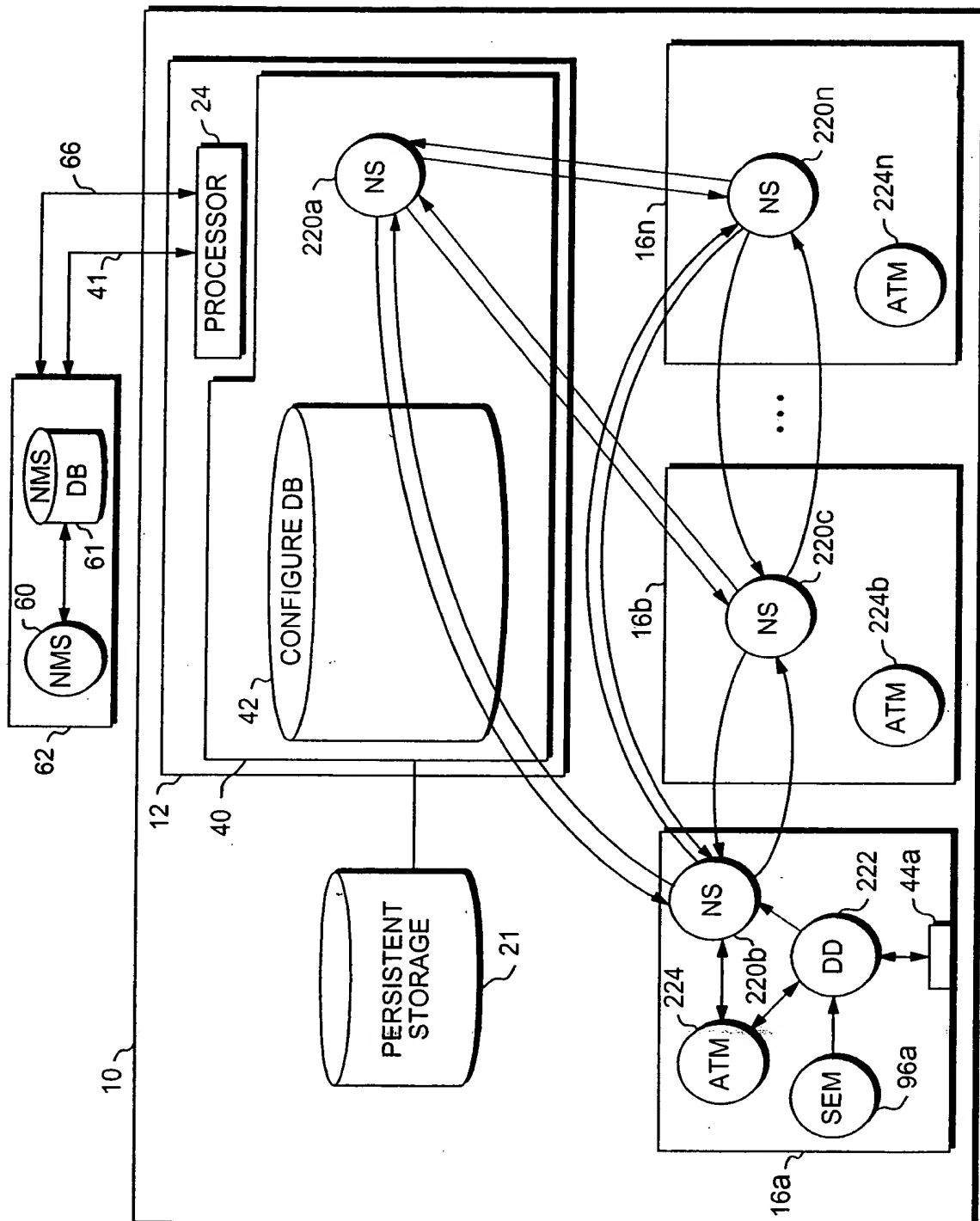


FIG. 16C

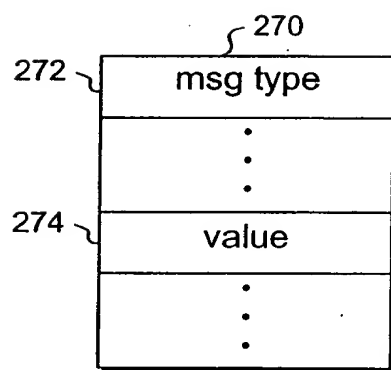


FIG. 16D

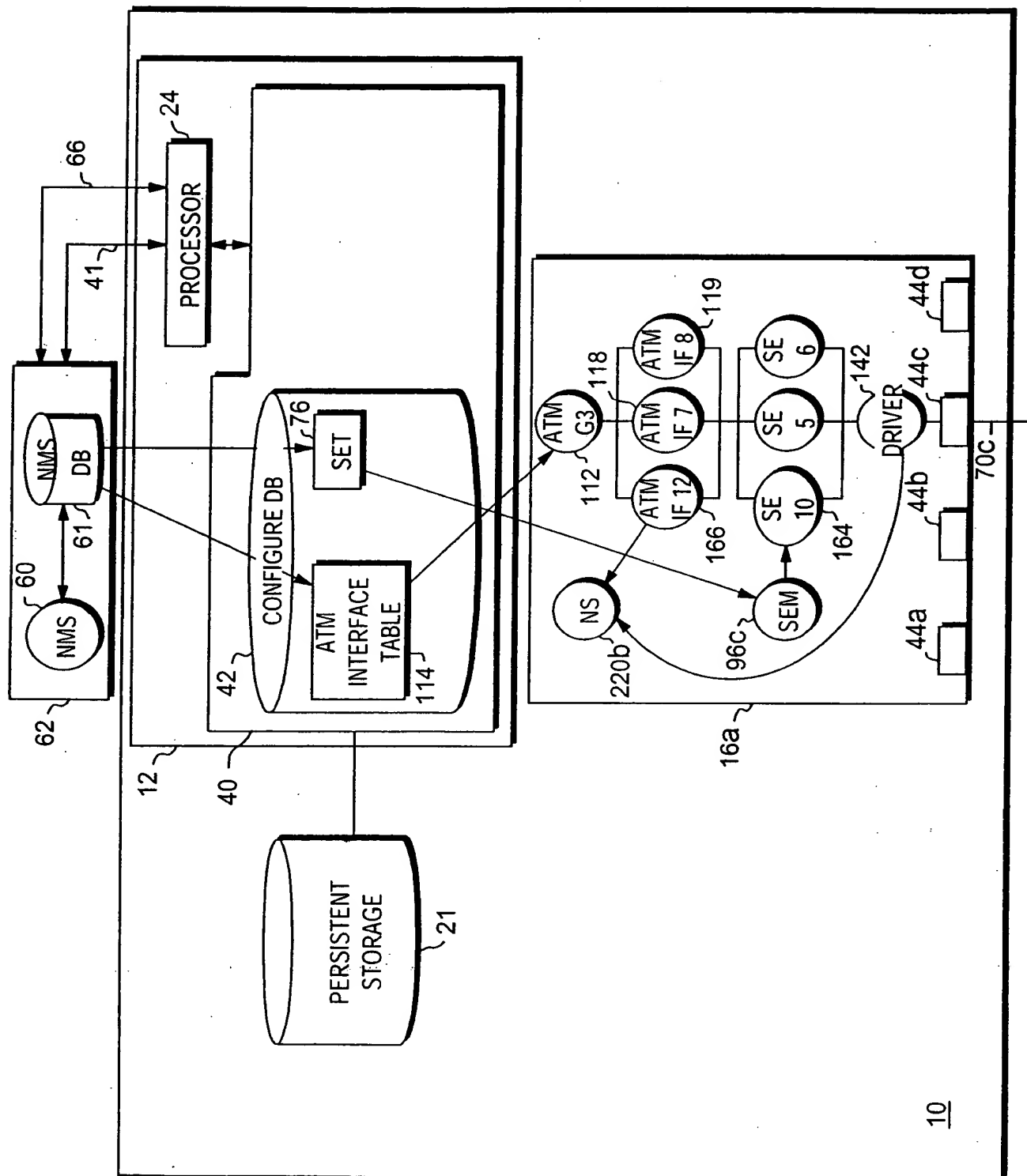


FIG. 17

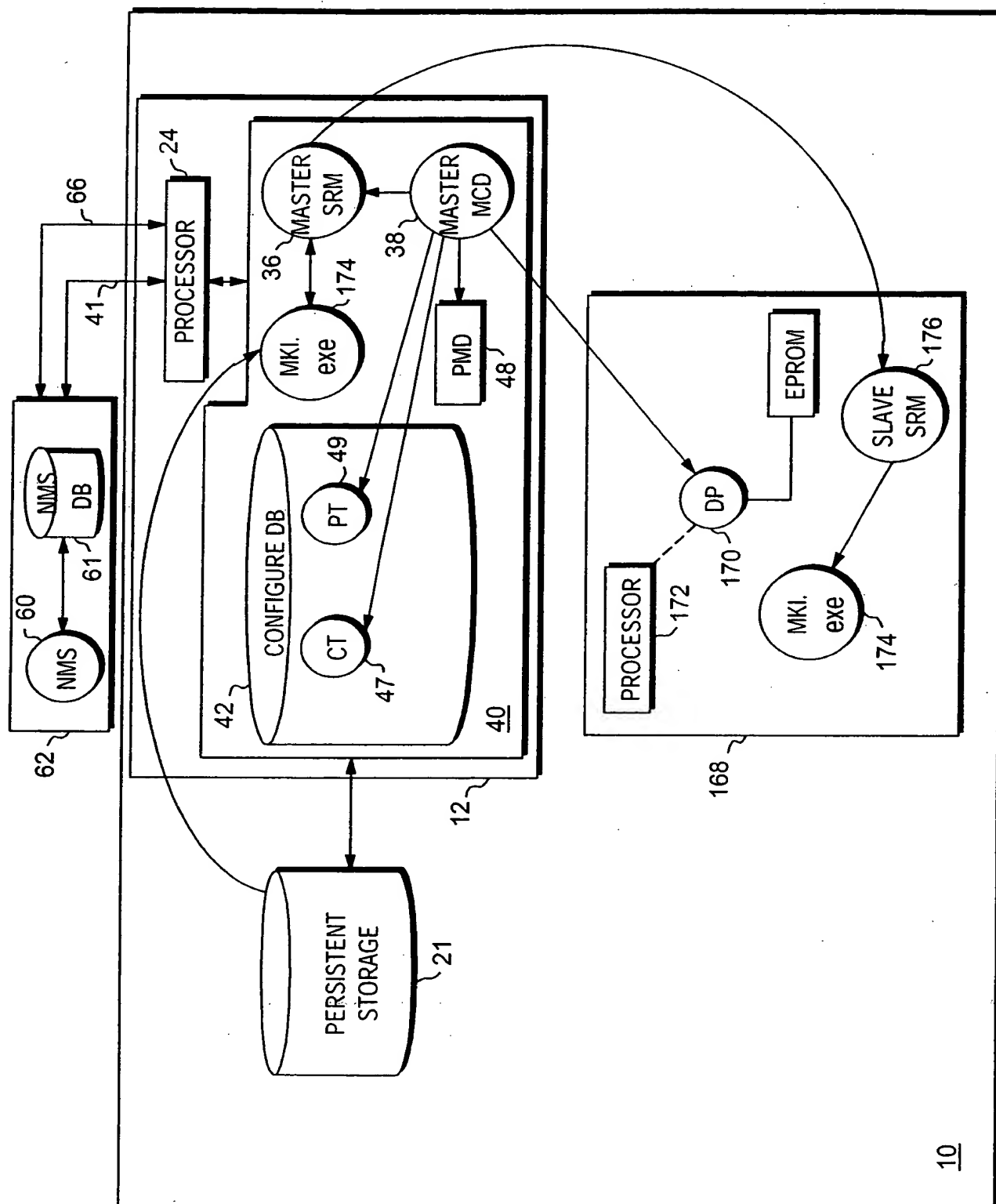


FIG. 18

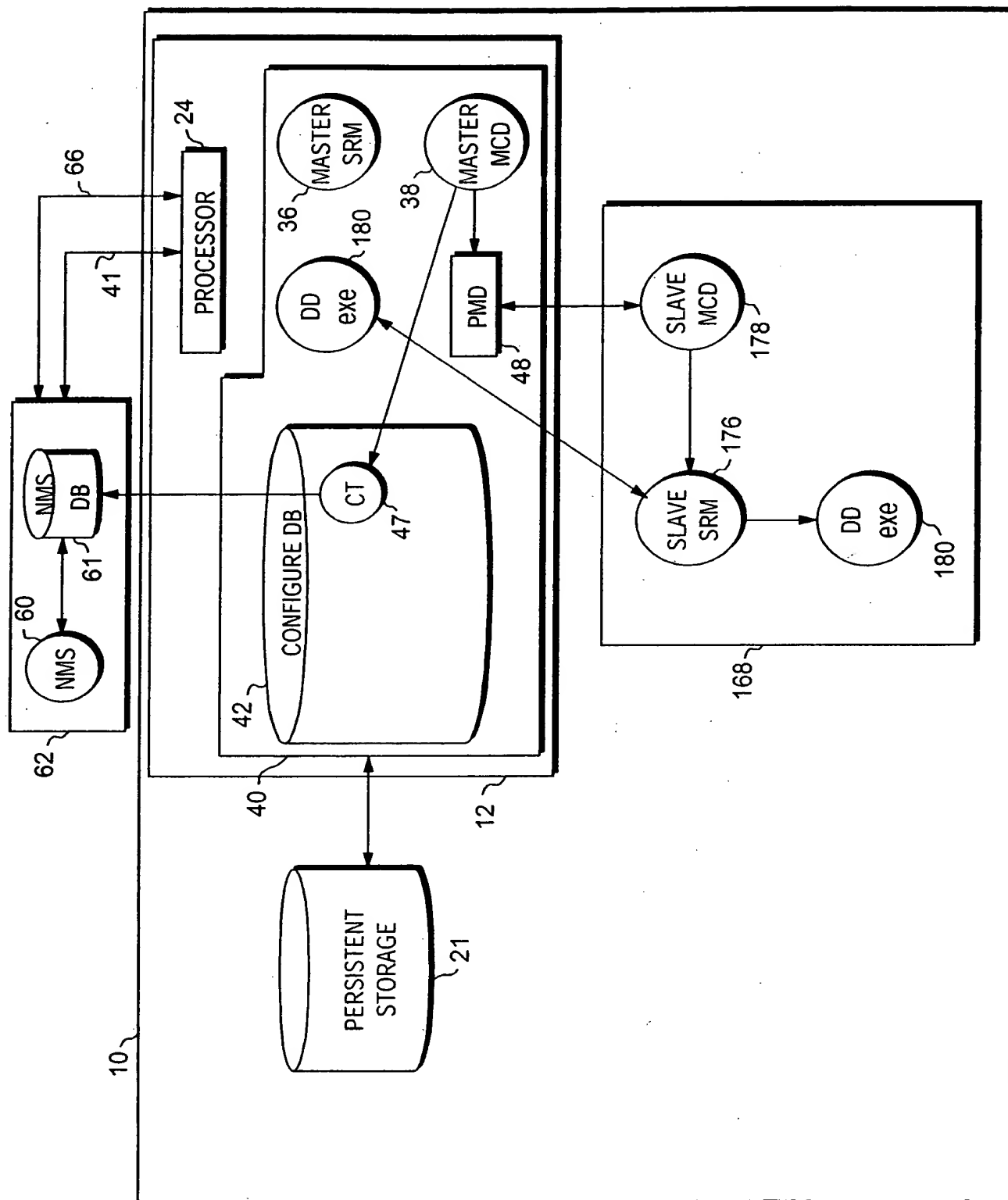


FIG. 19

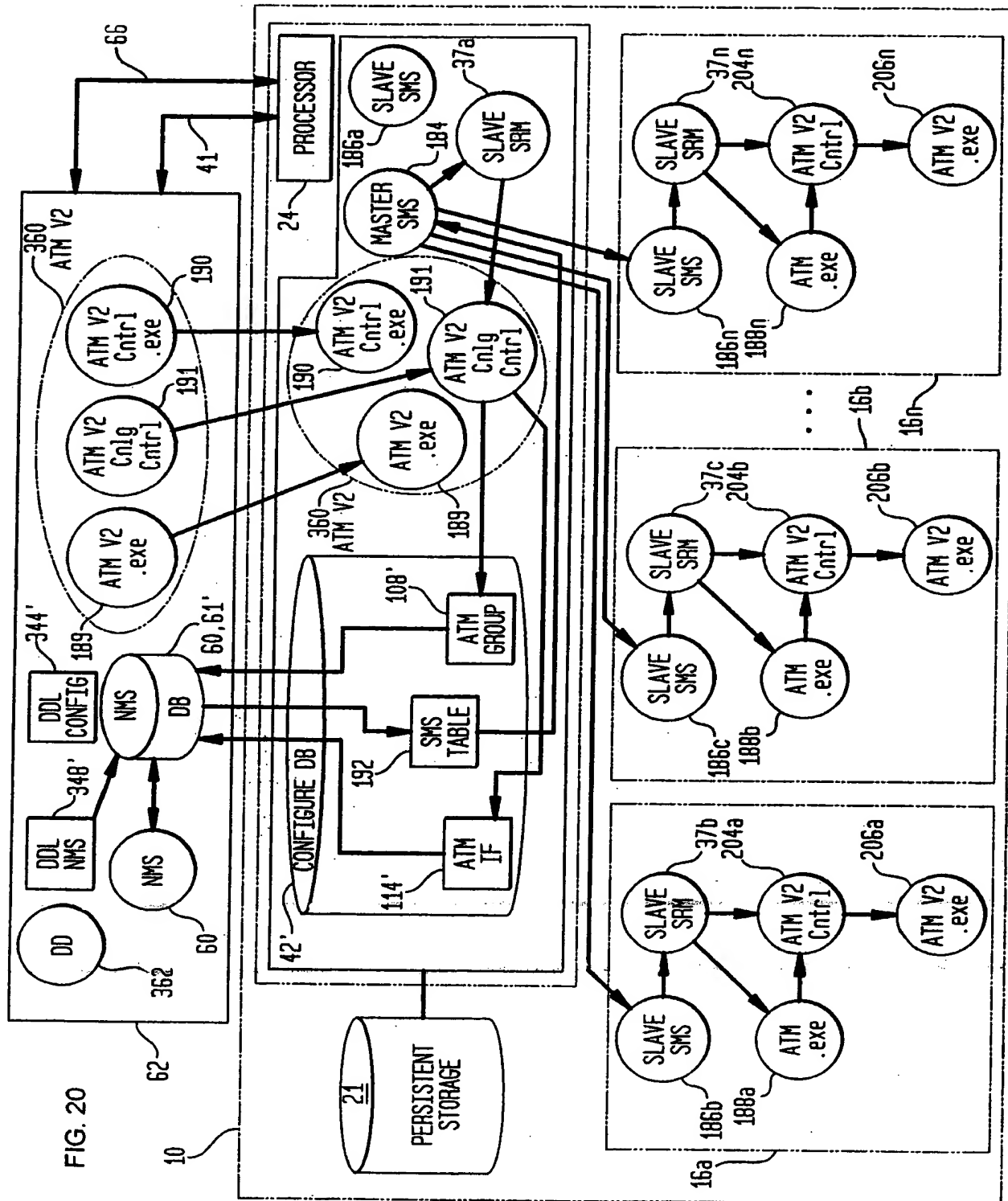


FIG. 21

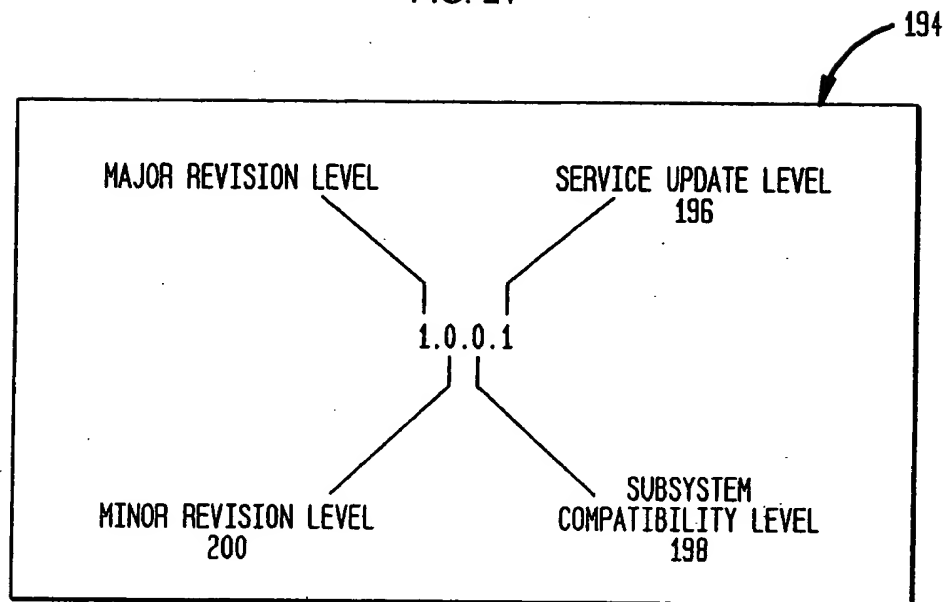
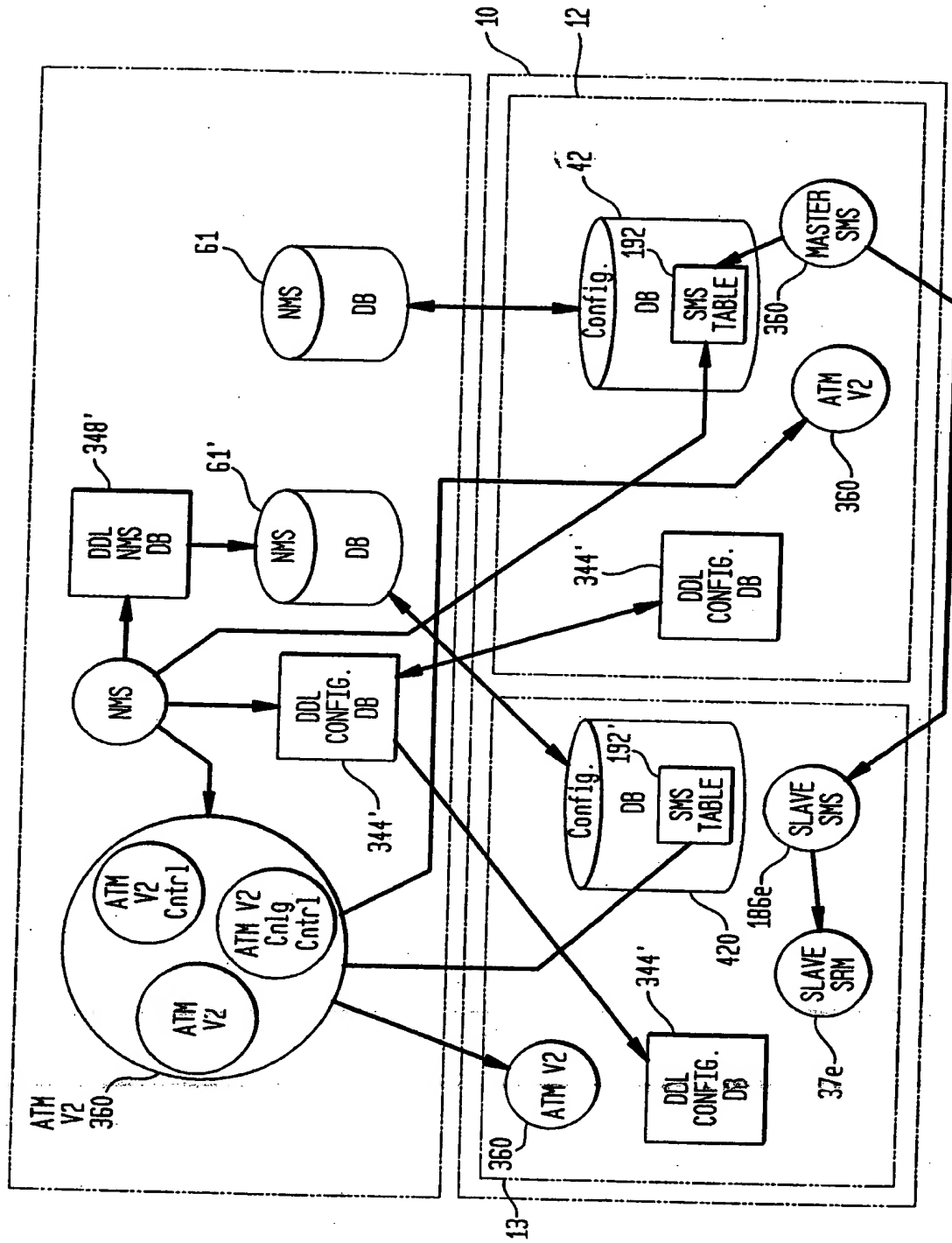


FIG. 22



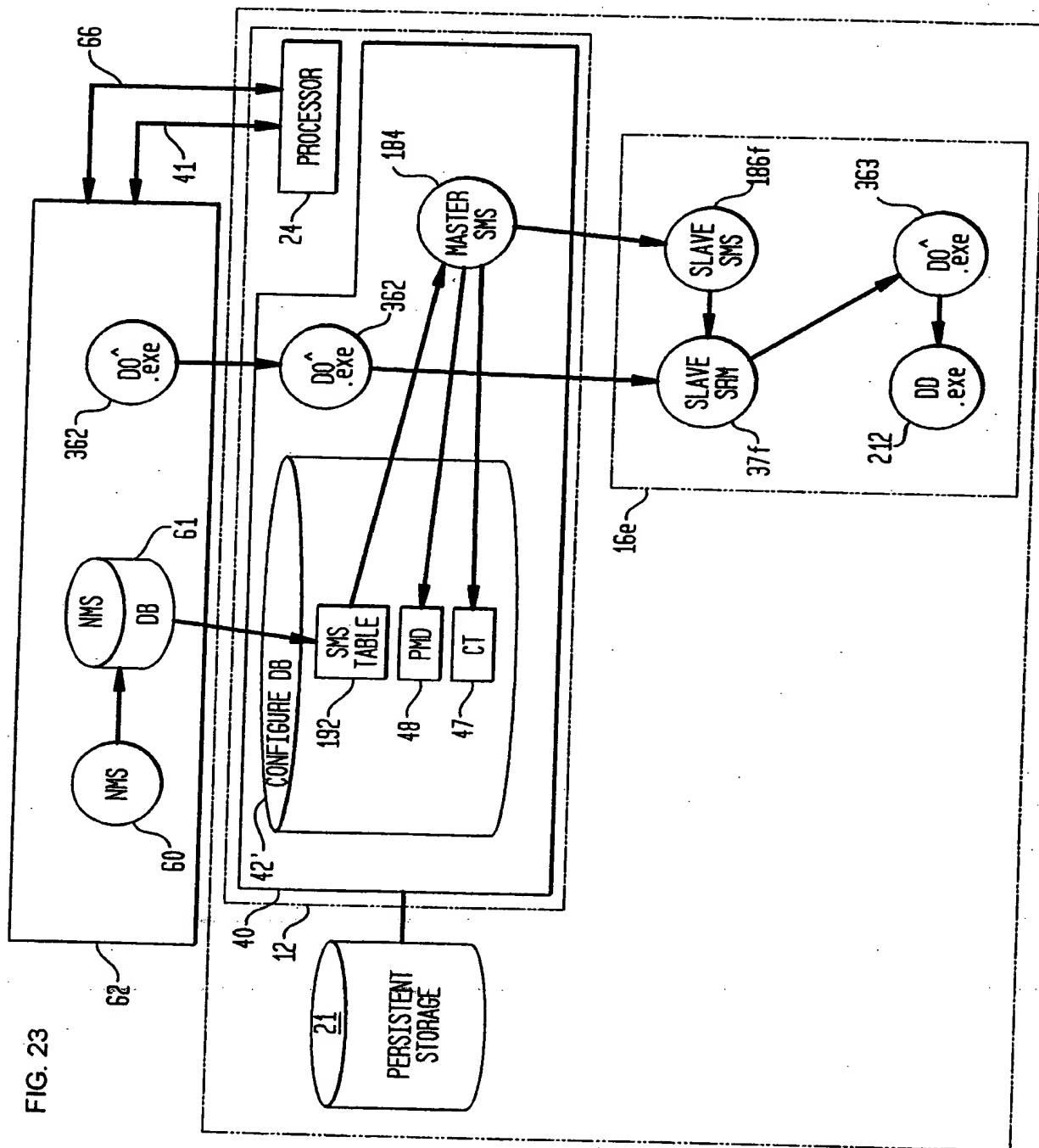


FIG. 23

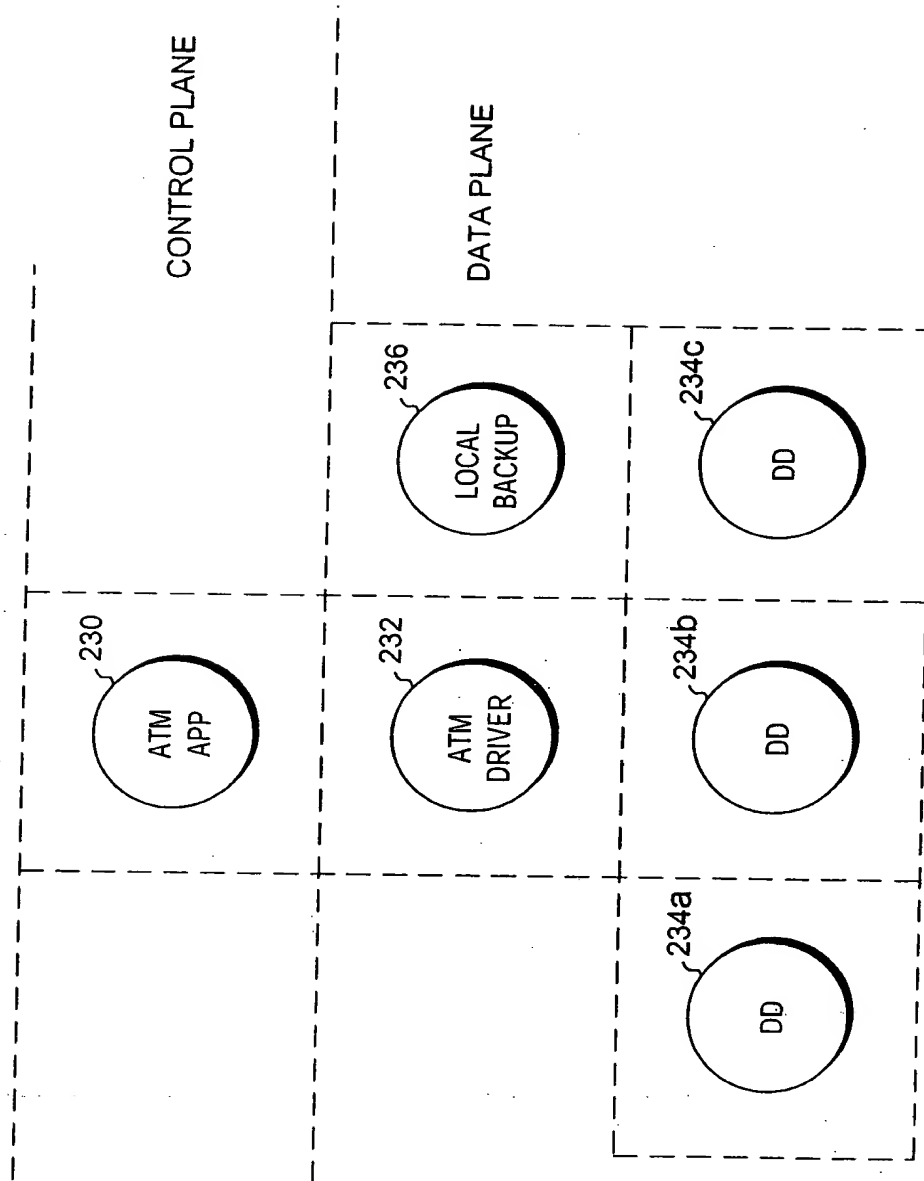


FIG. 24

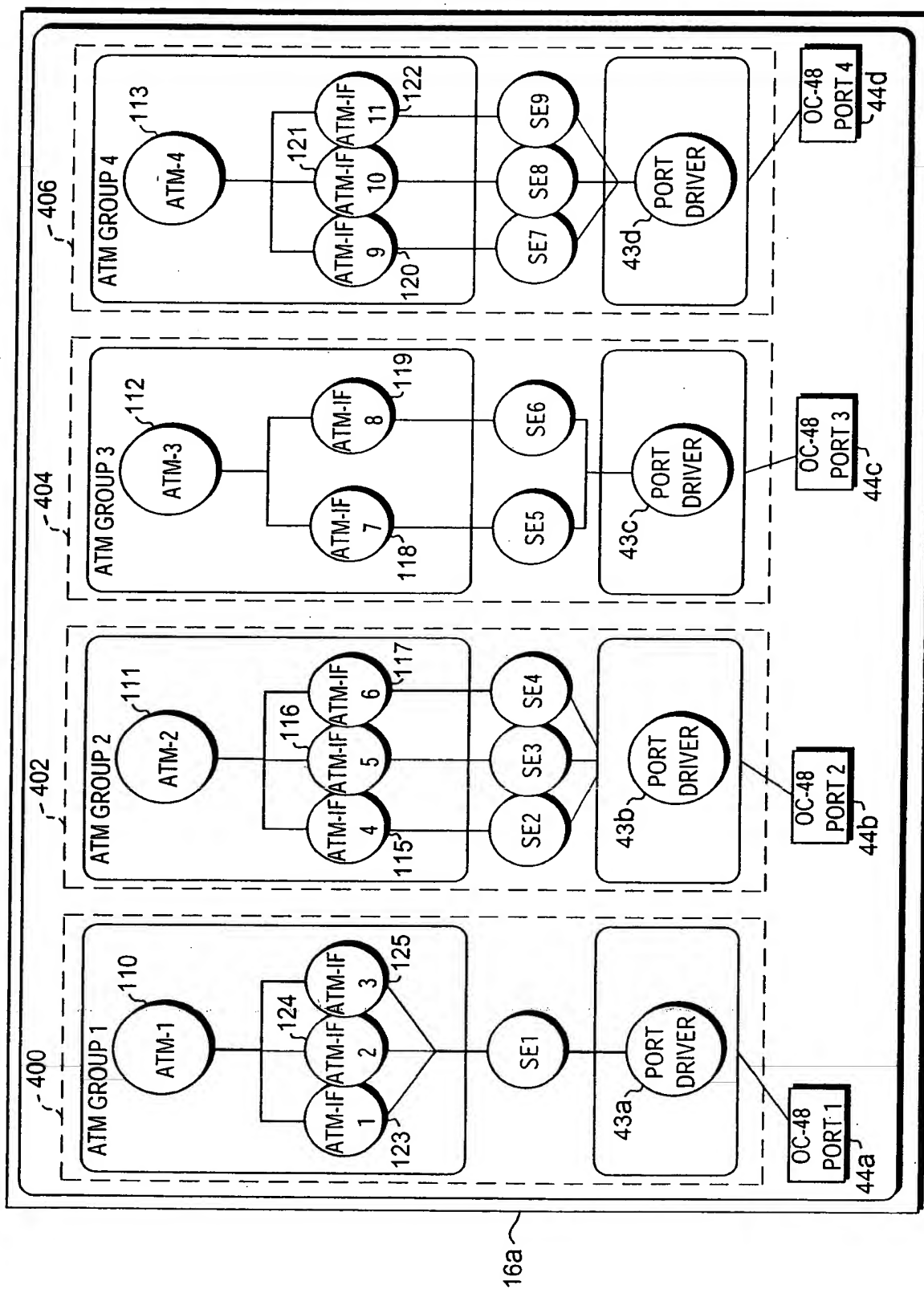
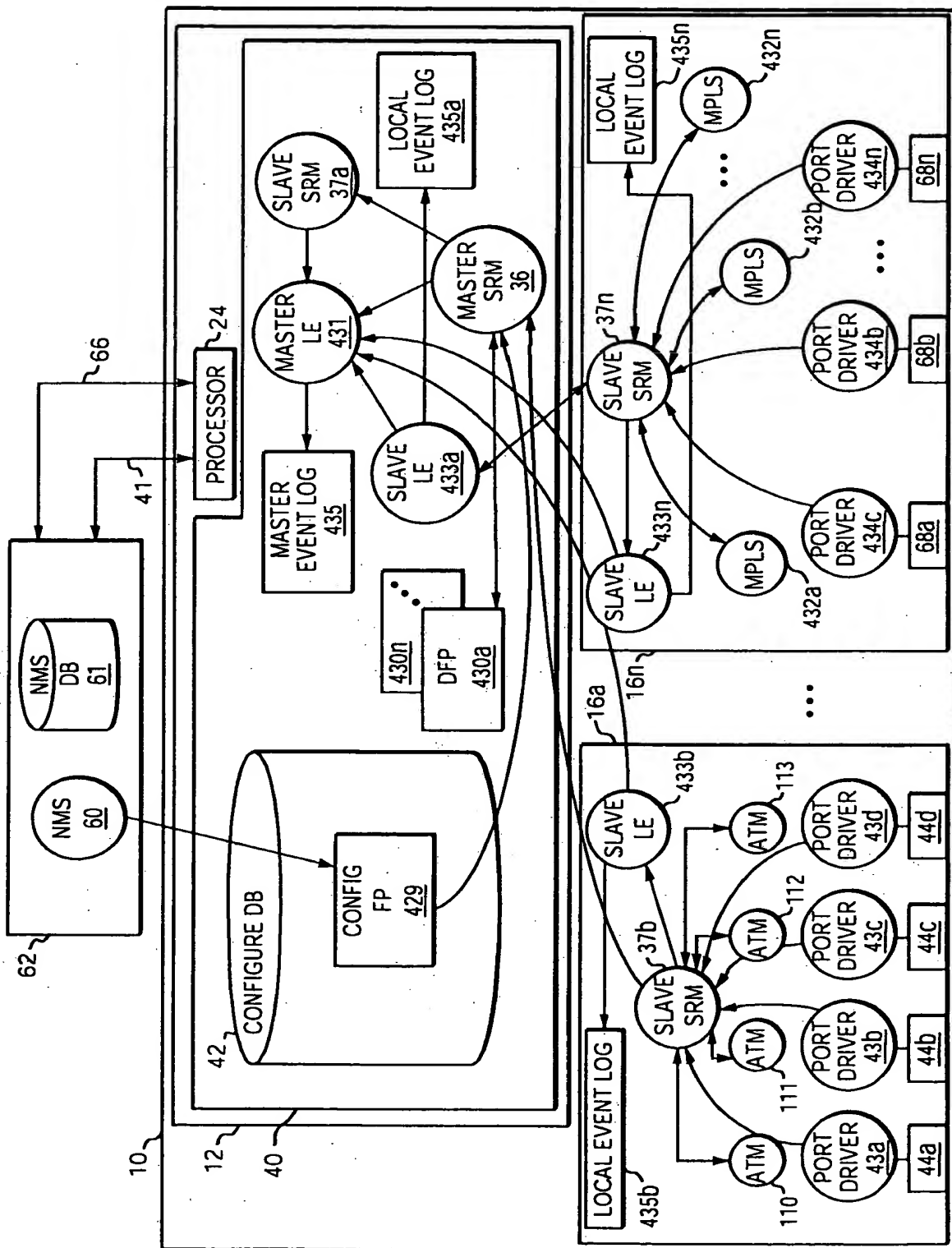


FIG. 25



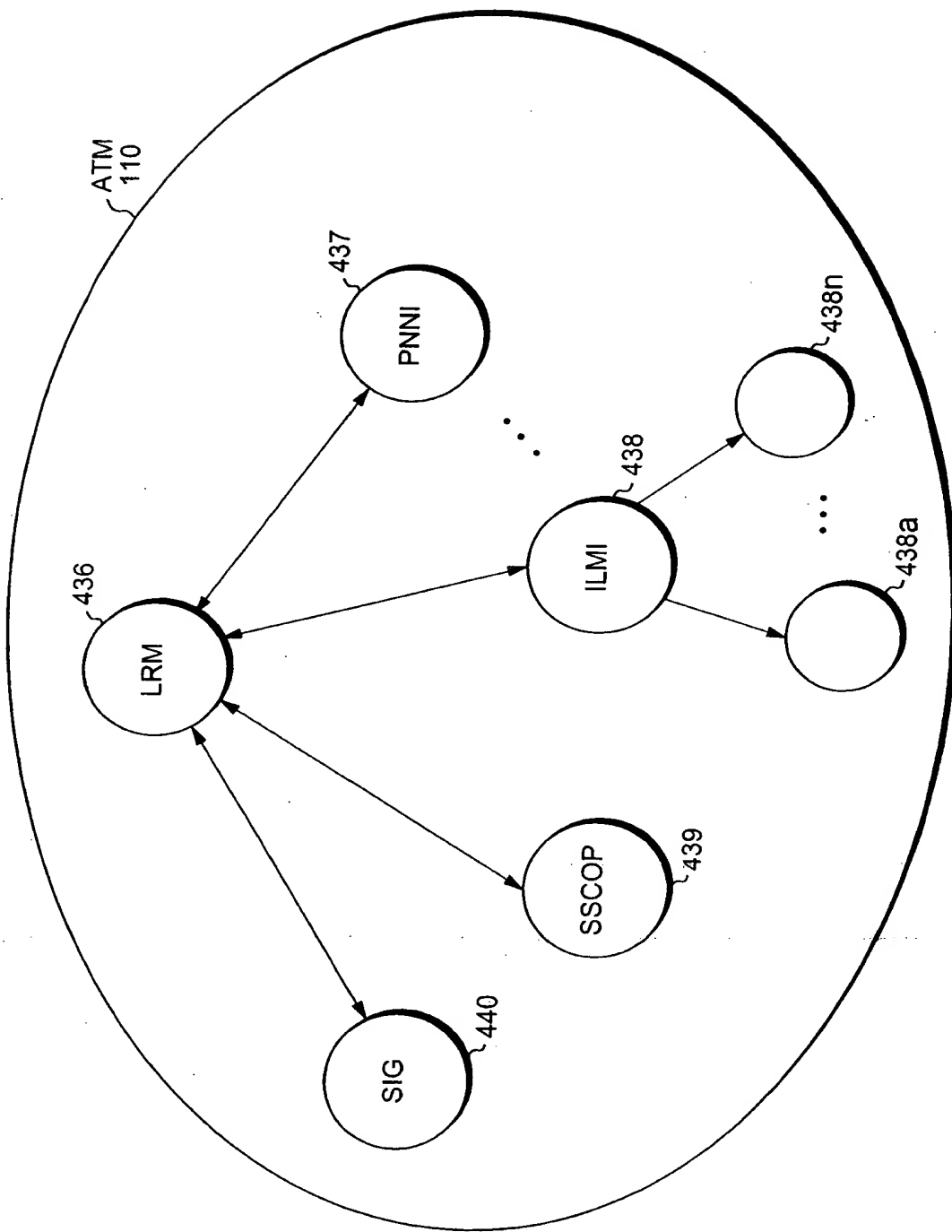


FIG. 27

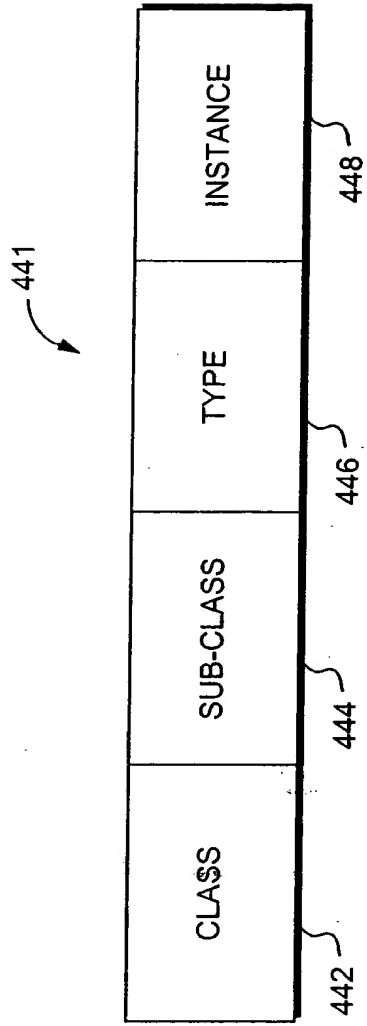


FIG. 28

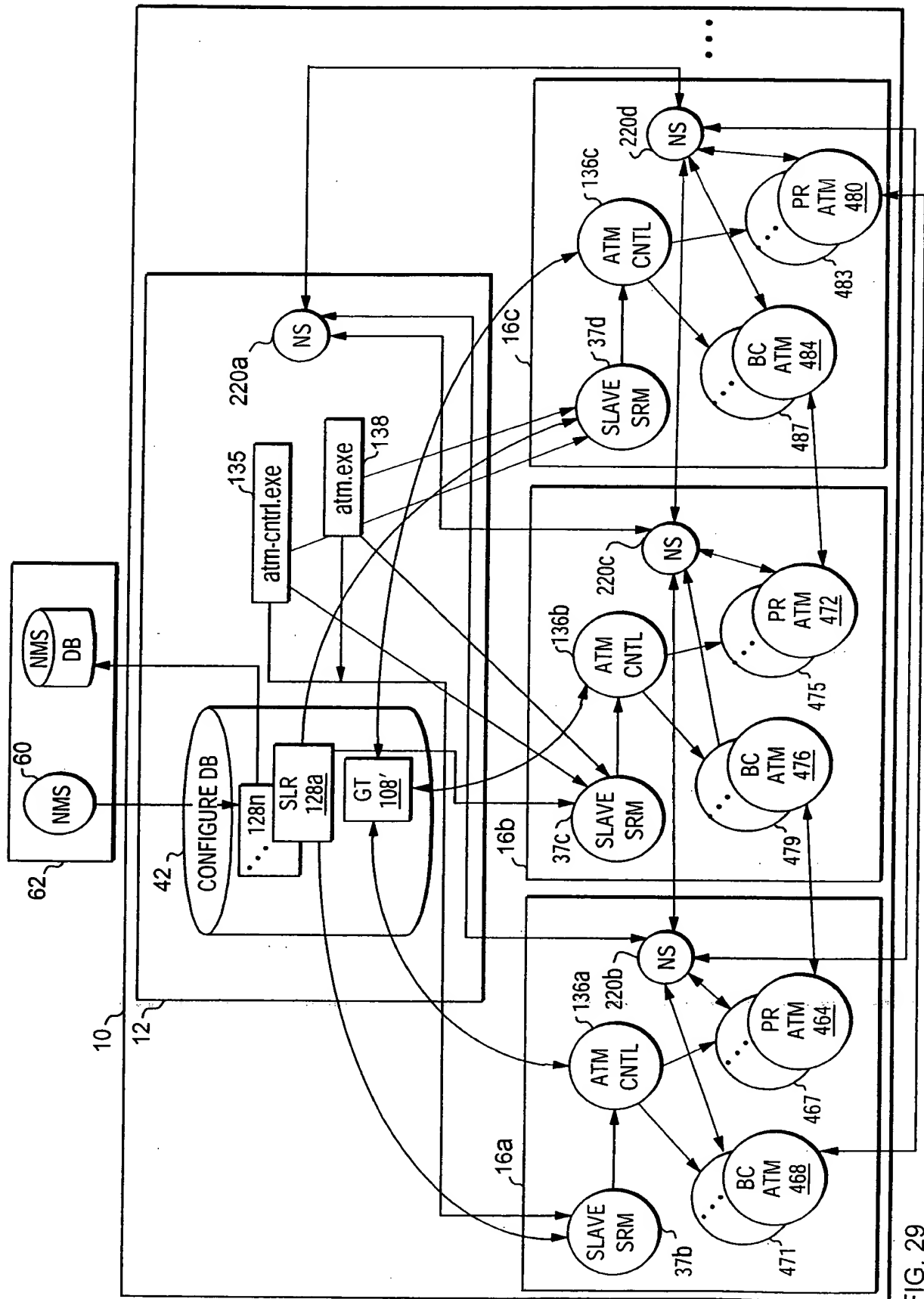


FIG. 29

GROUP TABLE 108'

		447	449	
	GROUP #	PRIMARY CARD LID	BACKUP CARD LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	• • •	• • •	• • •	• • •

FIG. 30

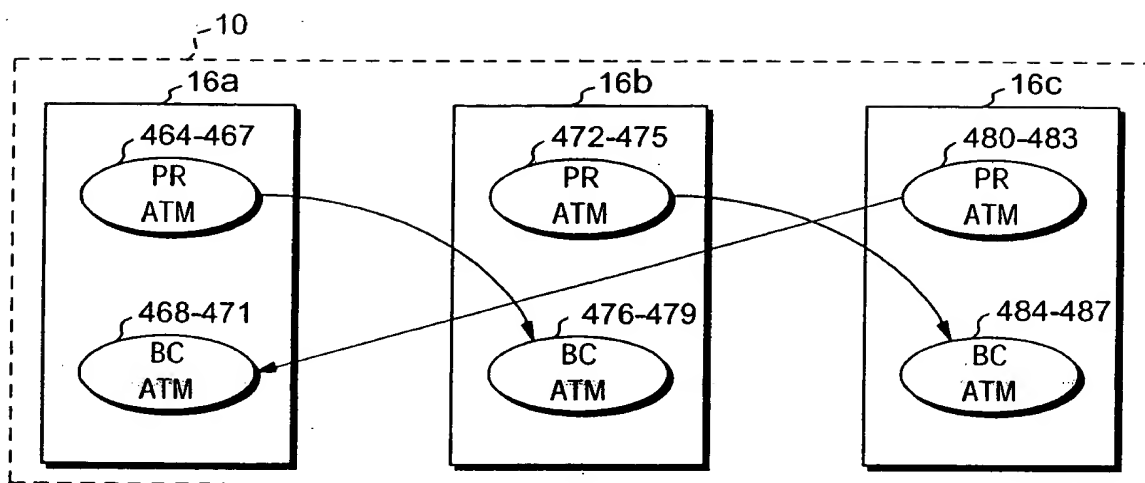


FIG. 31A

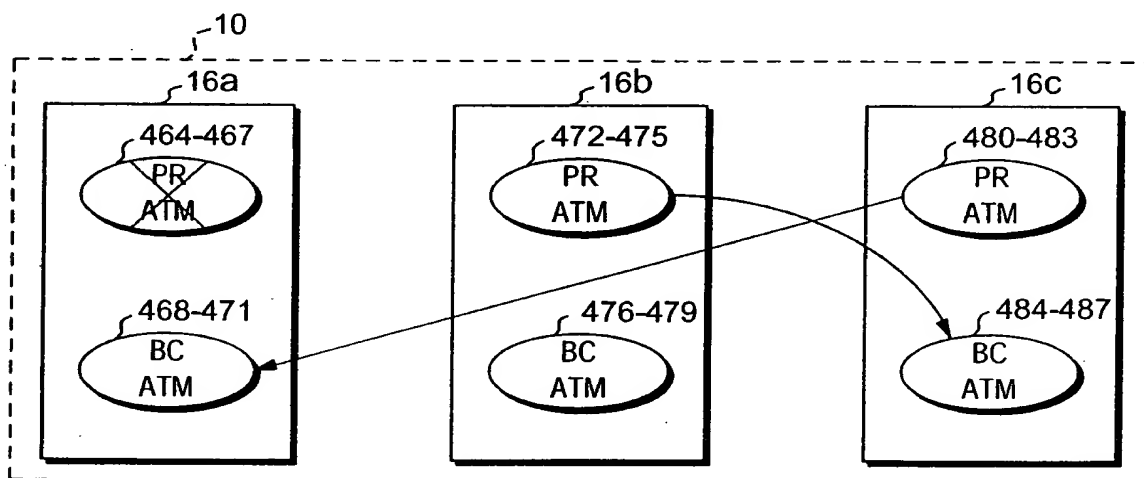


FIG. 31B

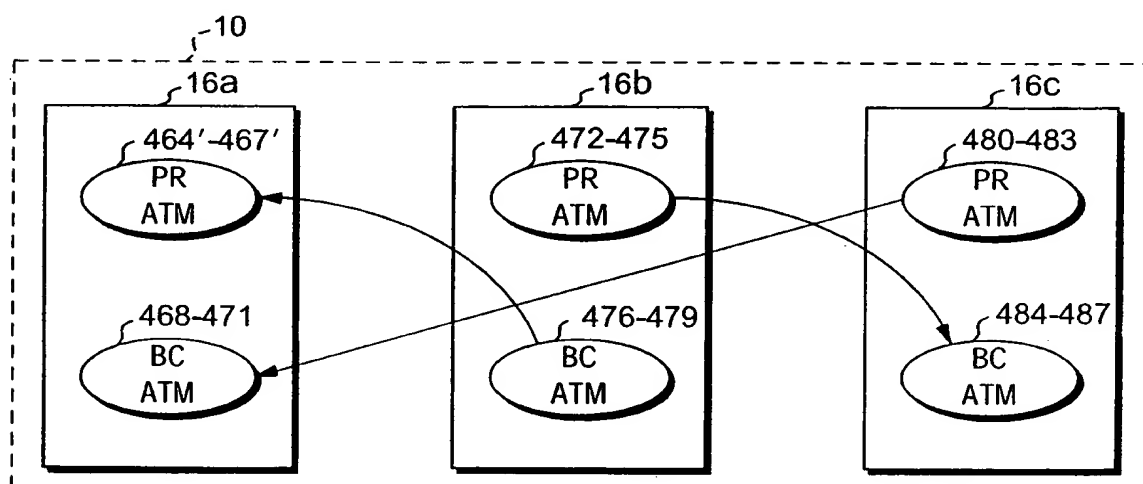


FIG. 31C

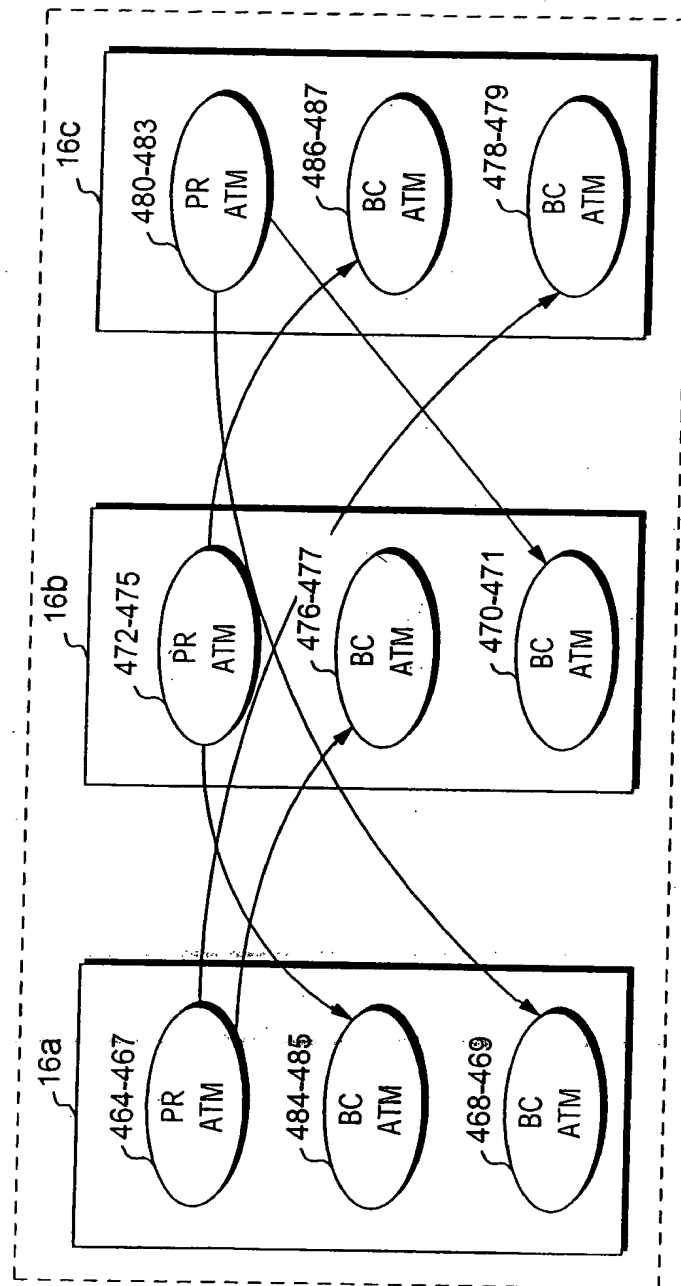


FIG. 32A

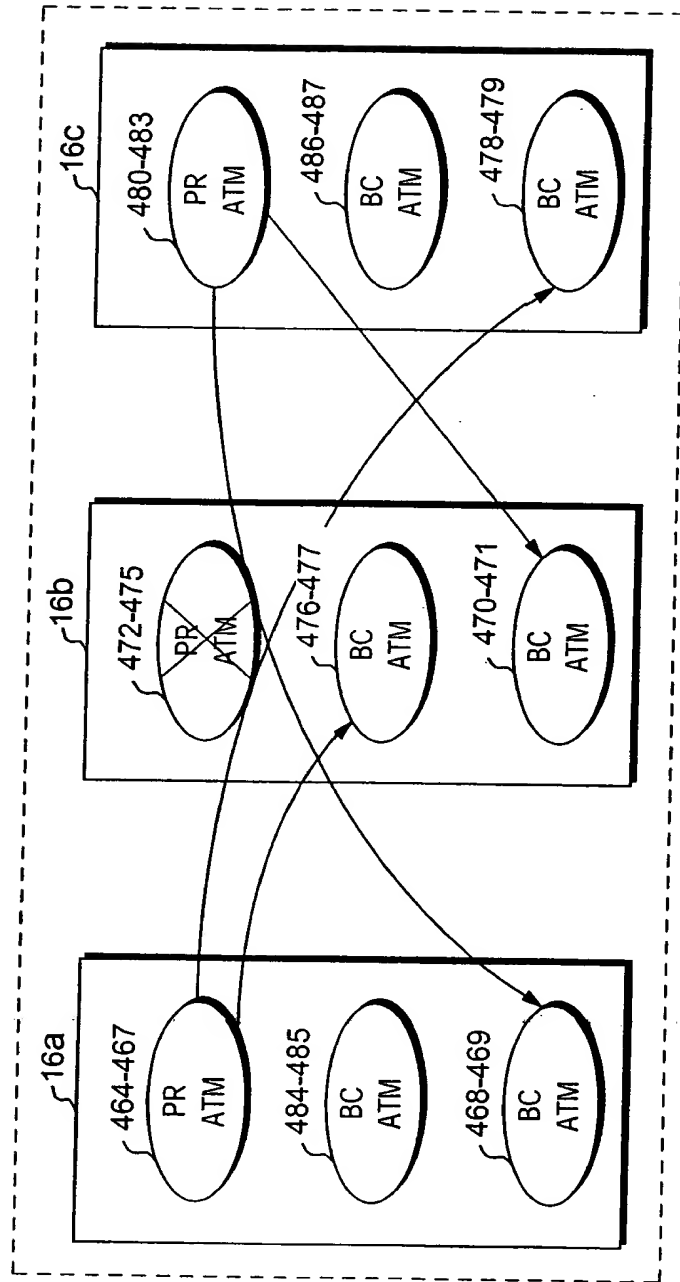


FIG. 32B

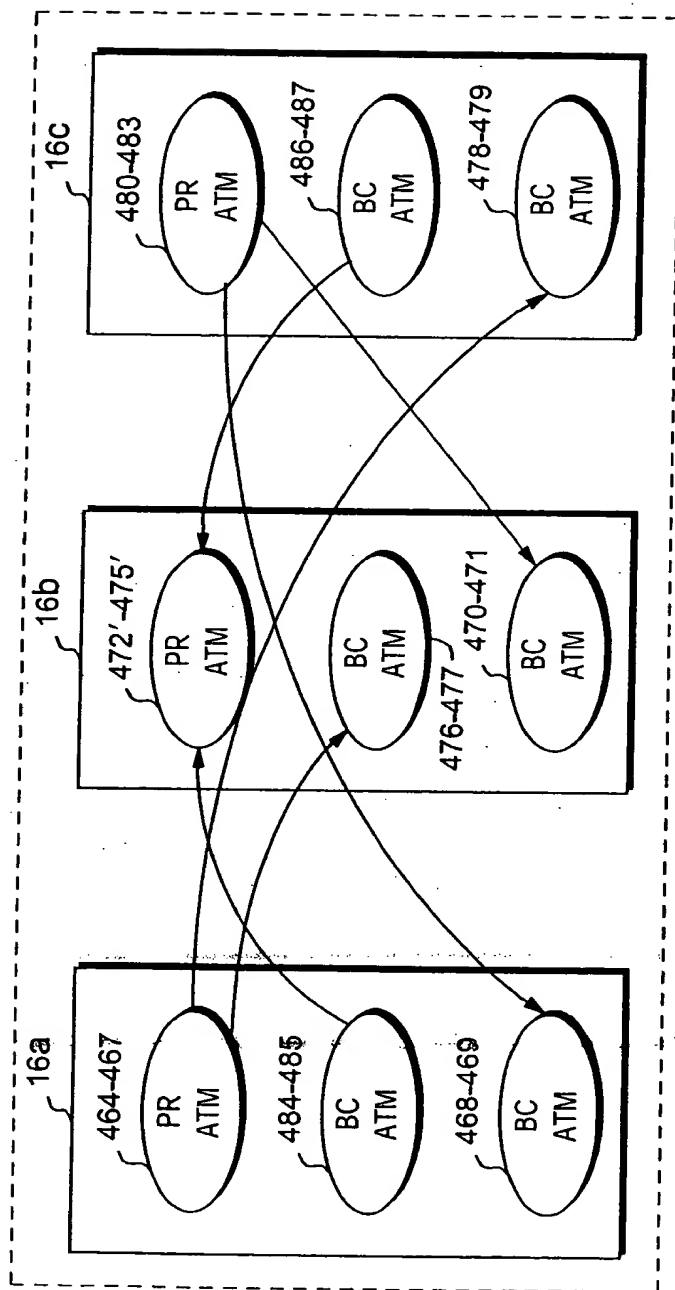


FIG. 32C

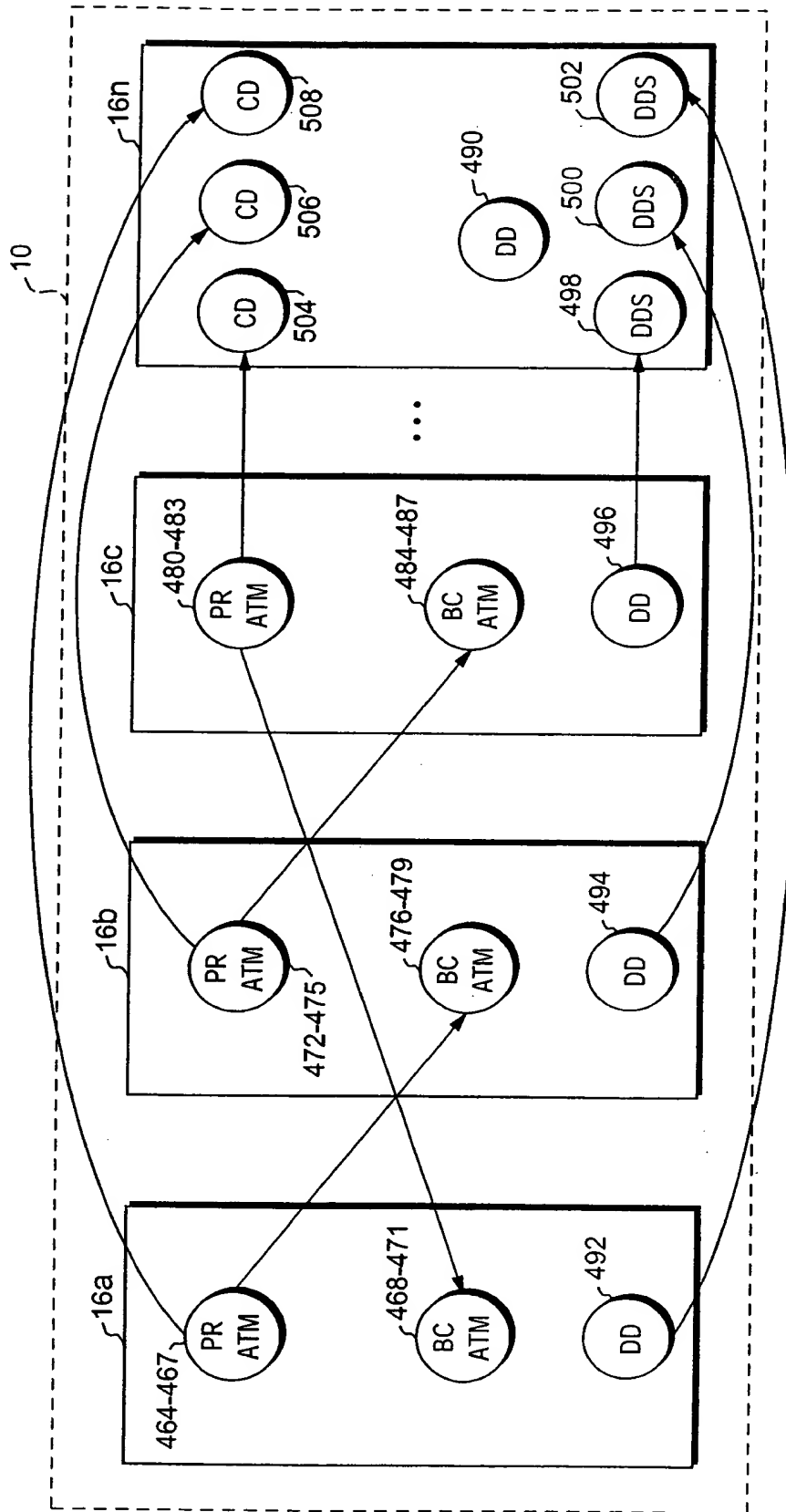


FIG. 33A

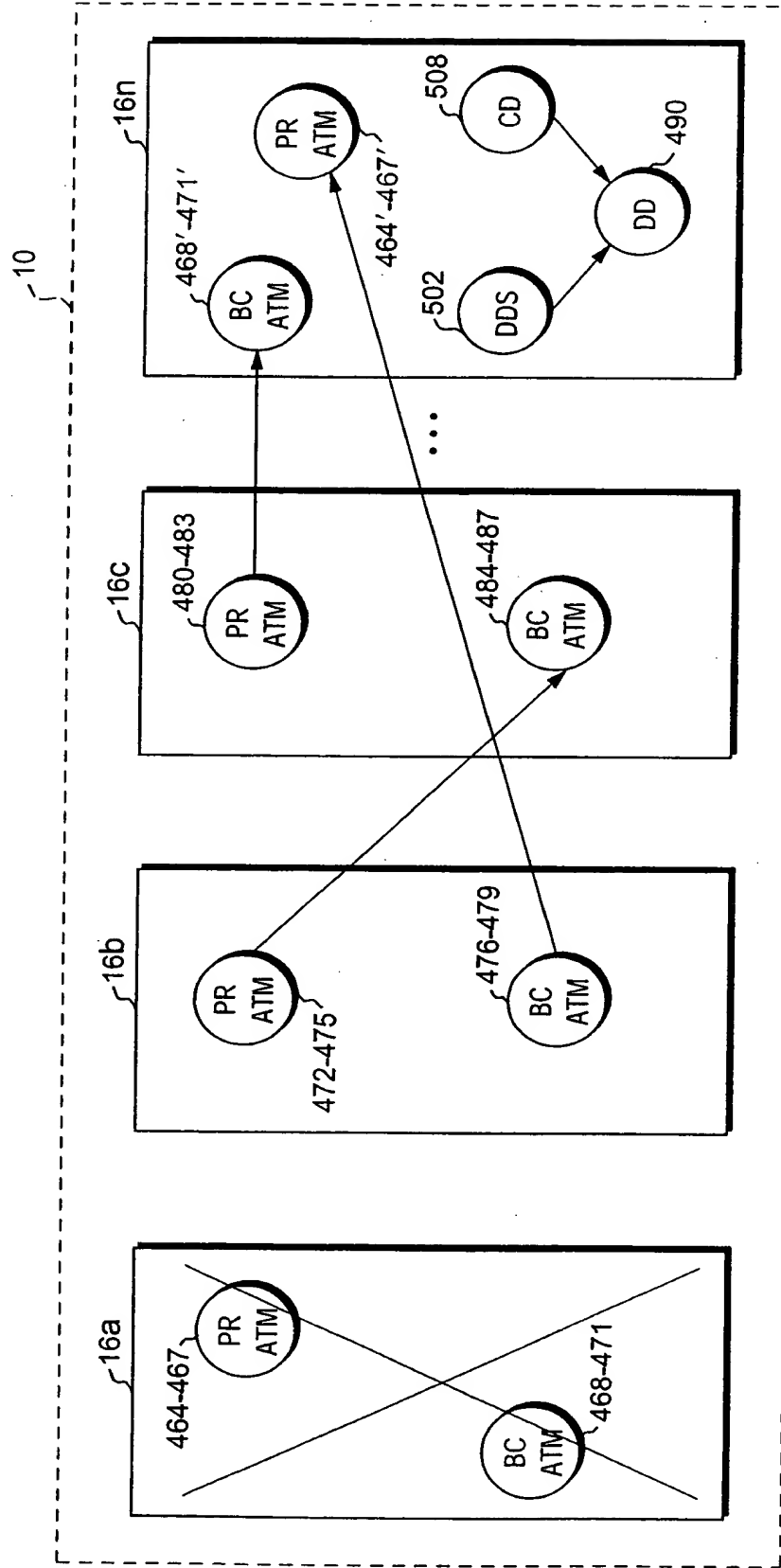


FIG. 33B

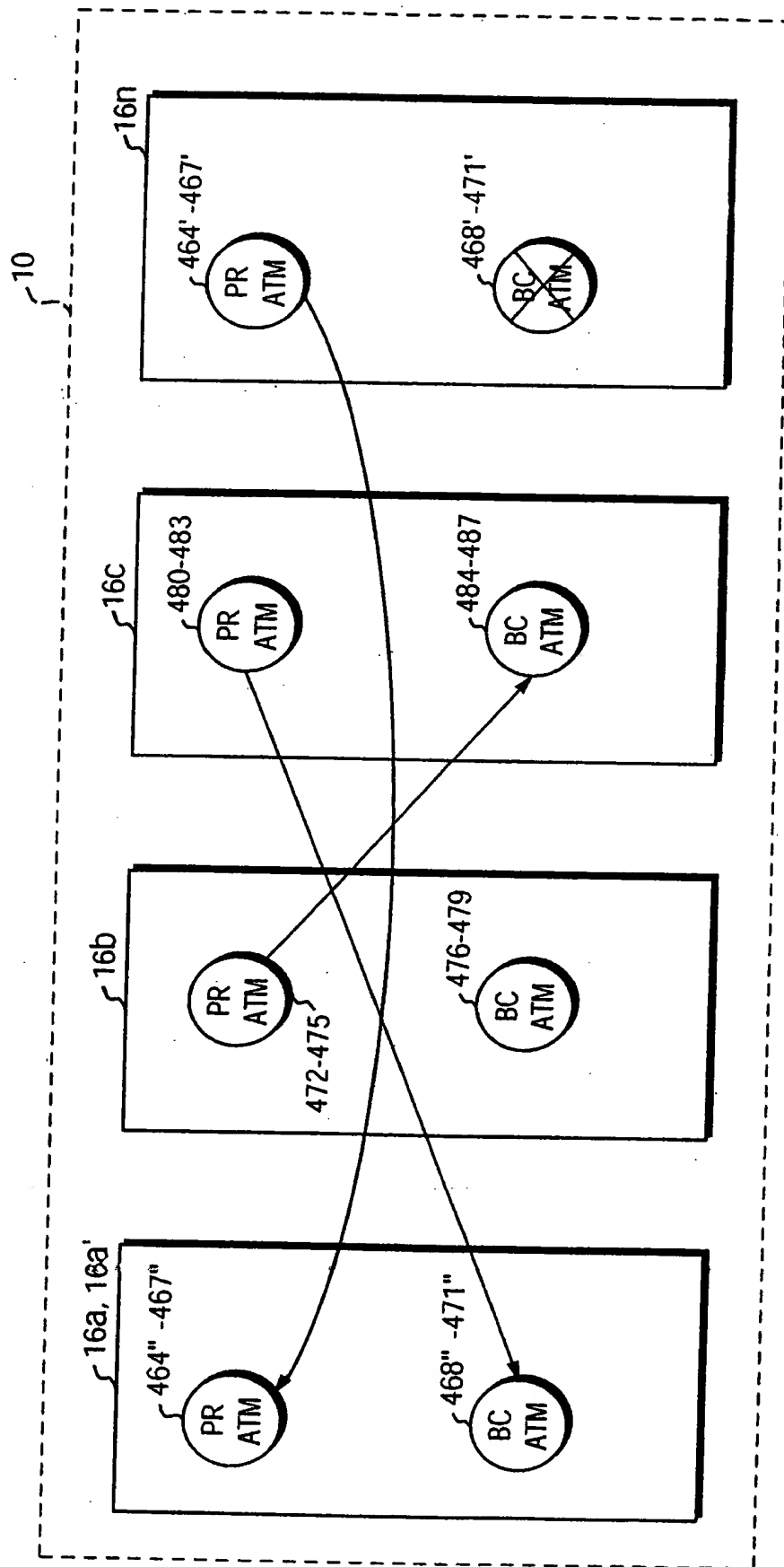


FIG. 33C

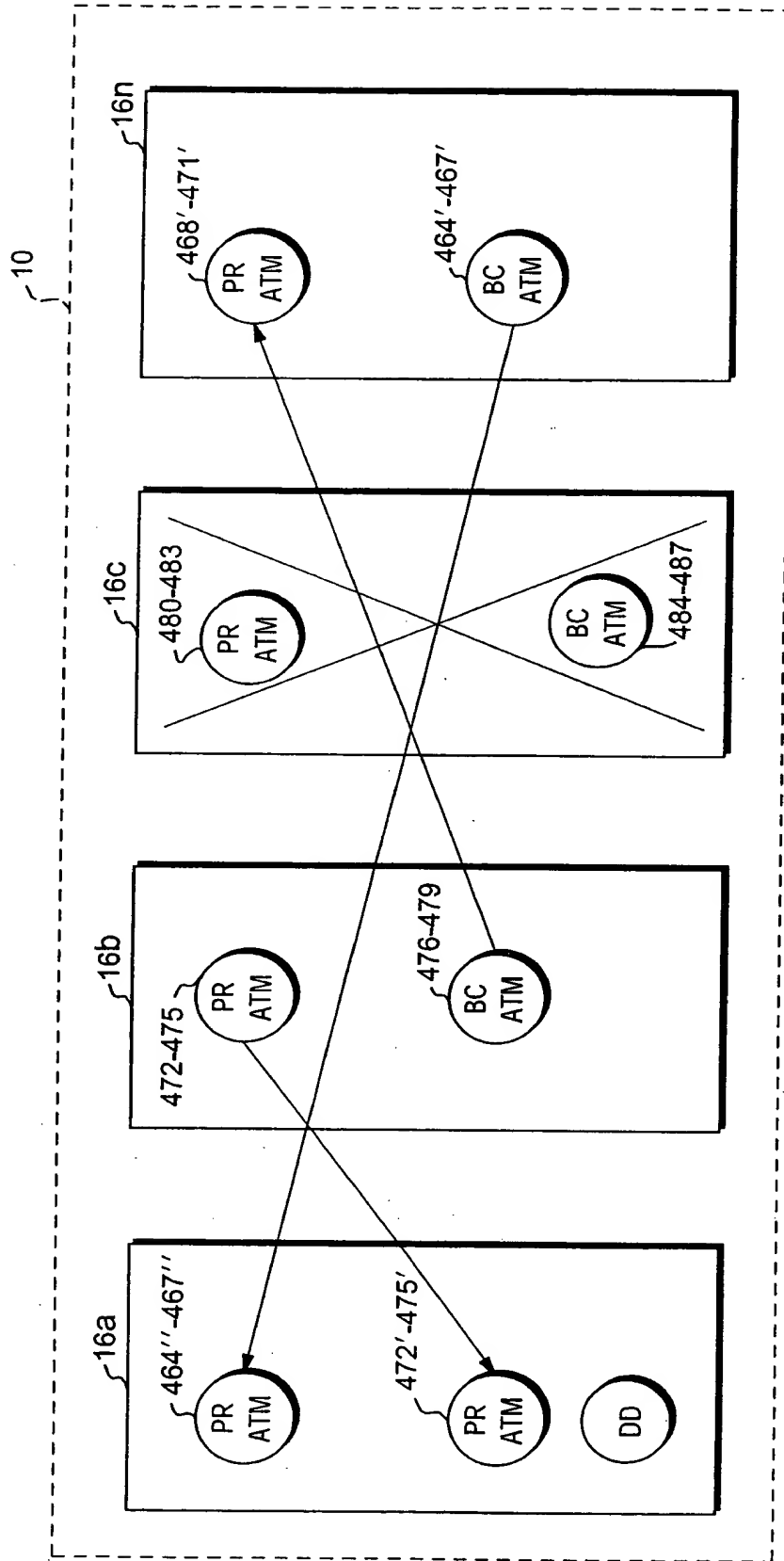


FIG. 33D

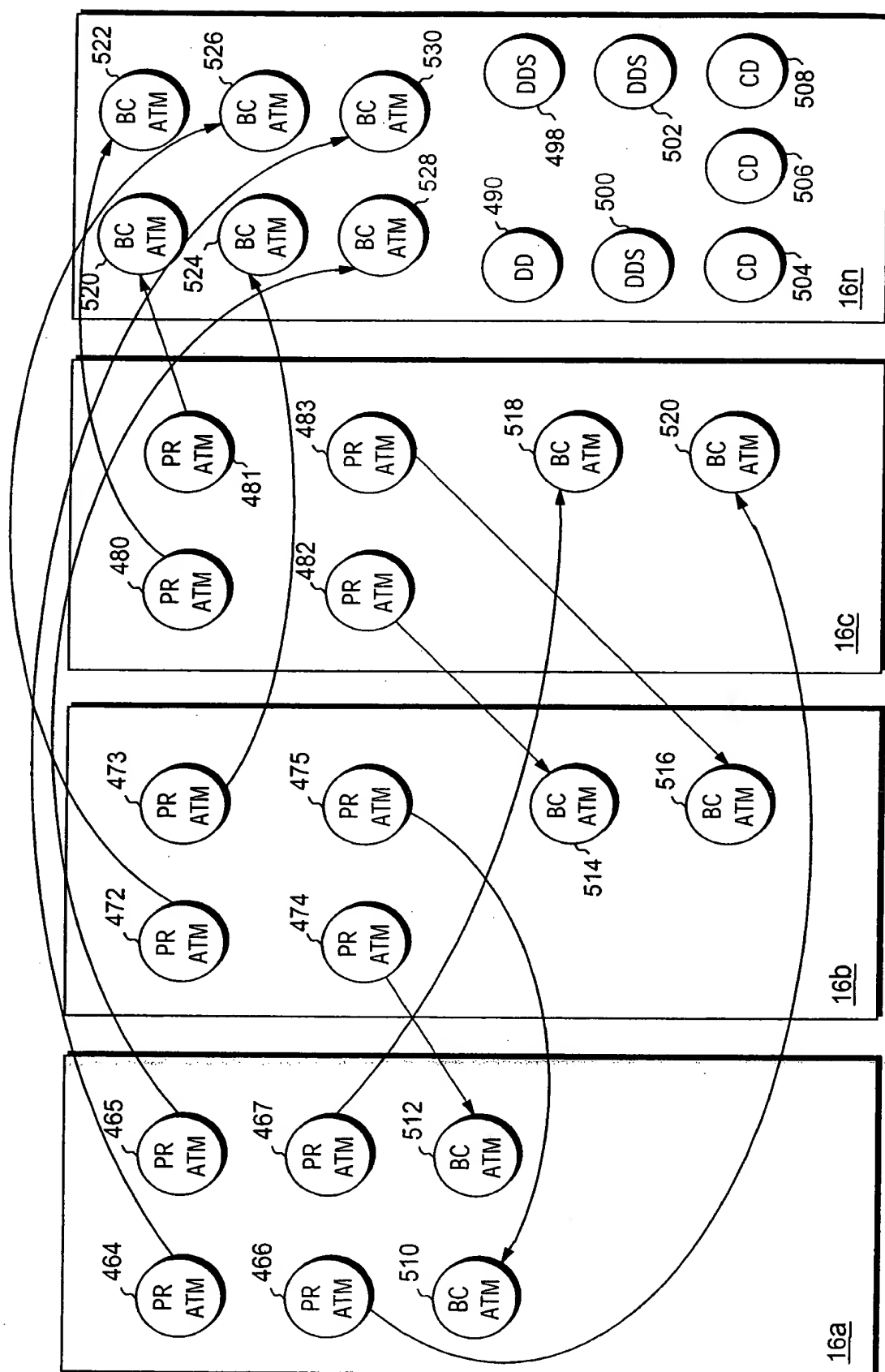


FIG. 34A

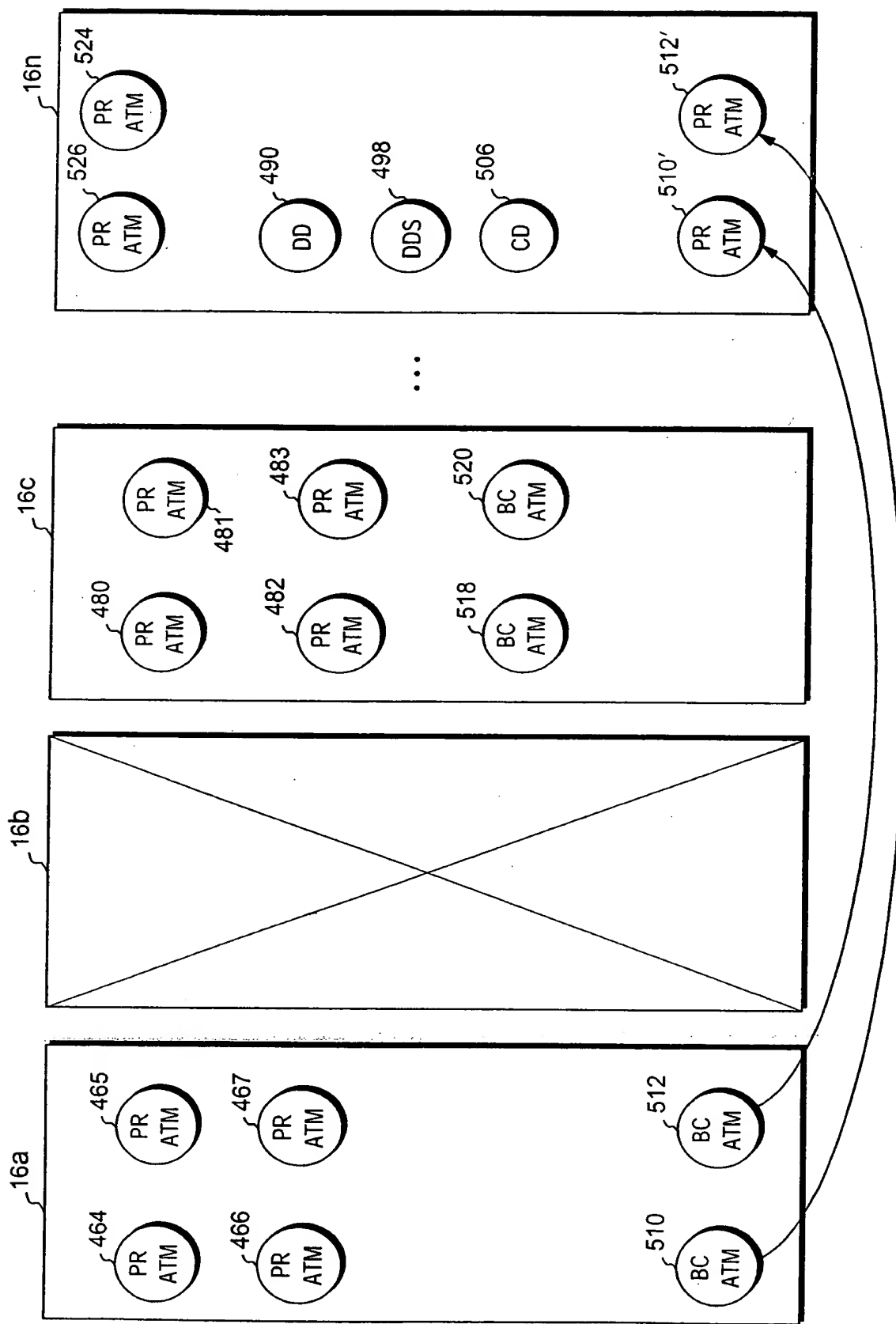


FIG. 34B

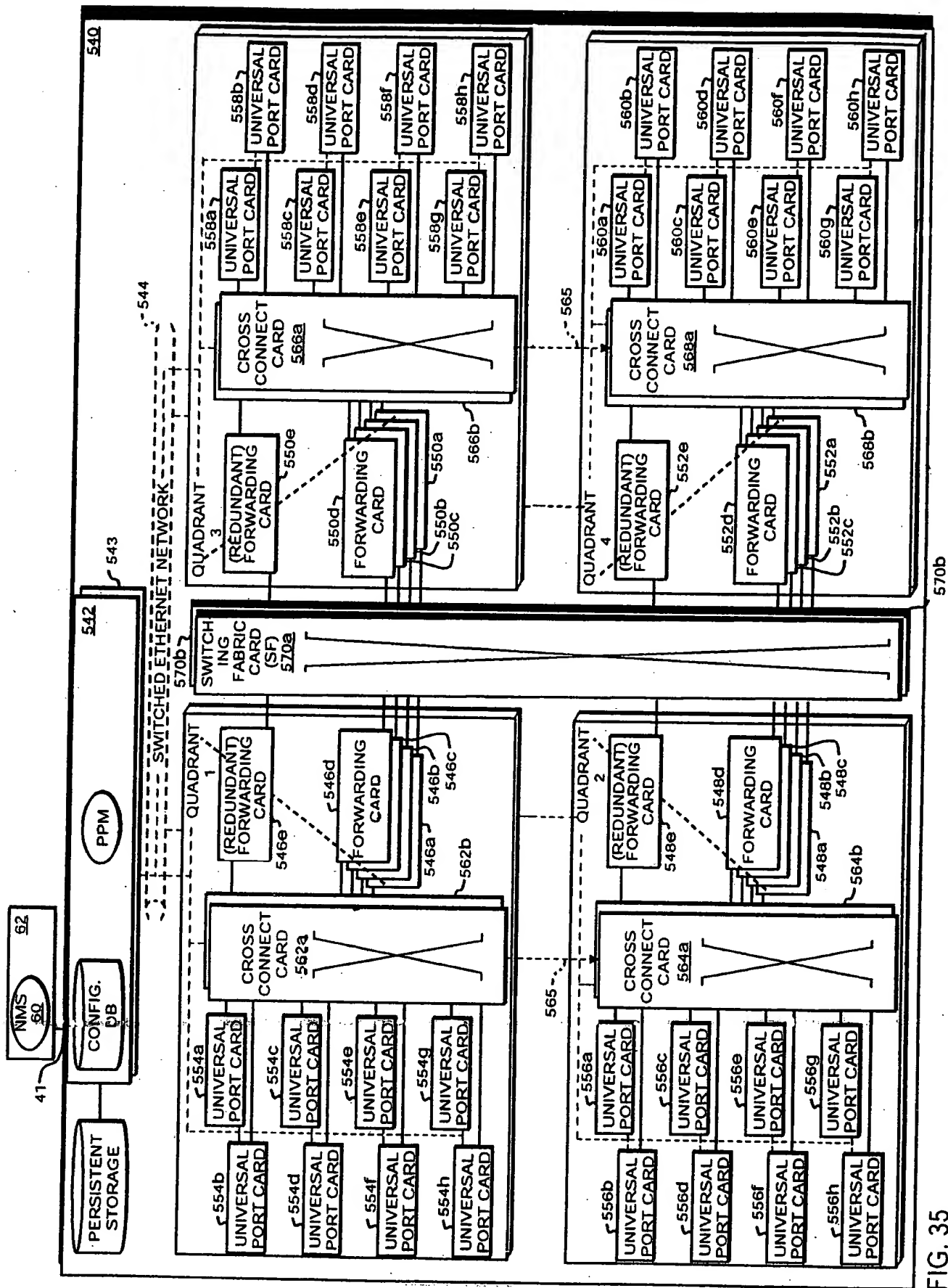


FIG. 35

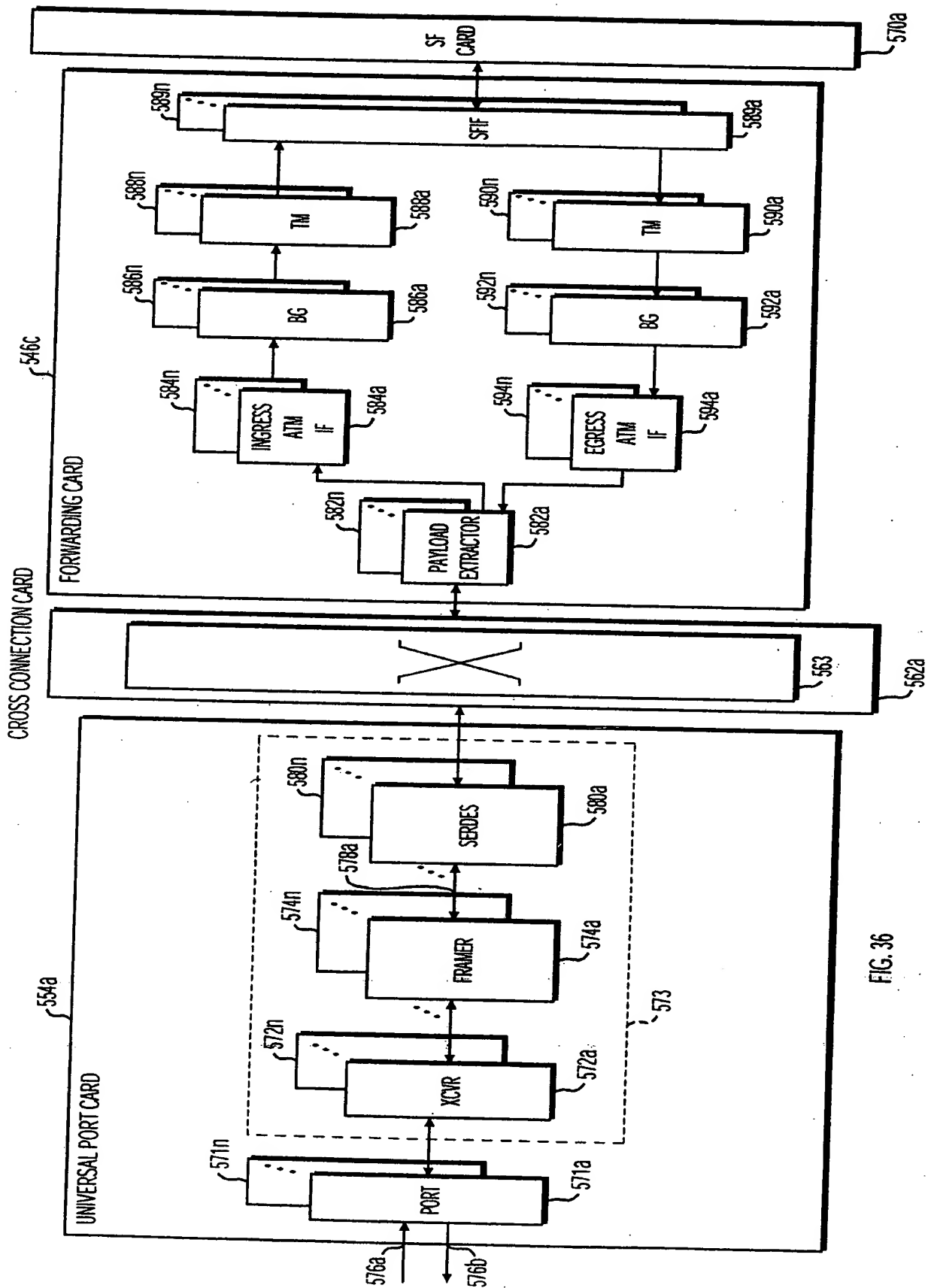


FIG. 36

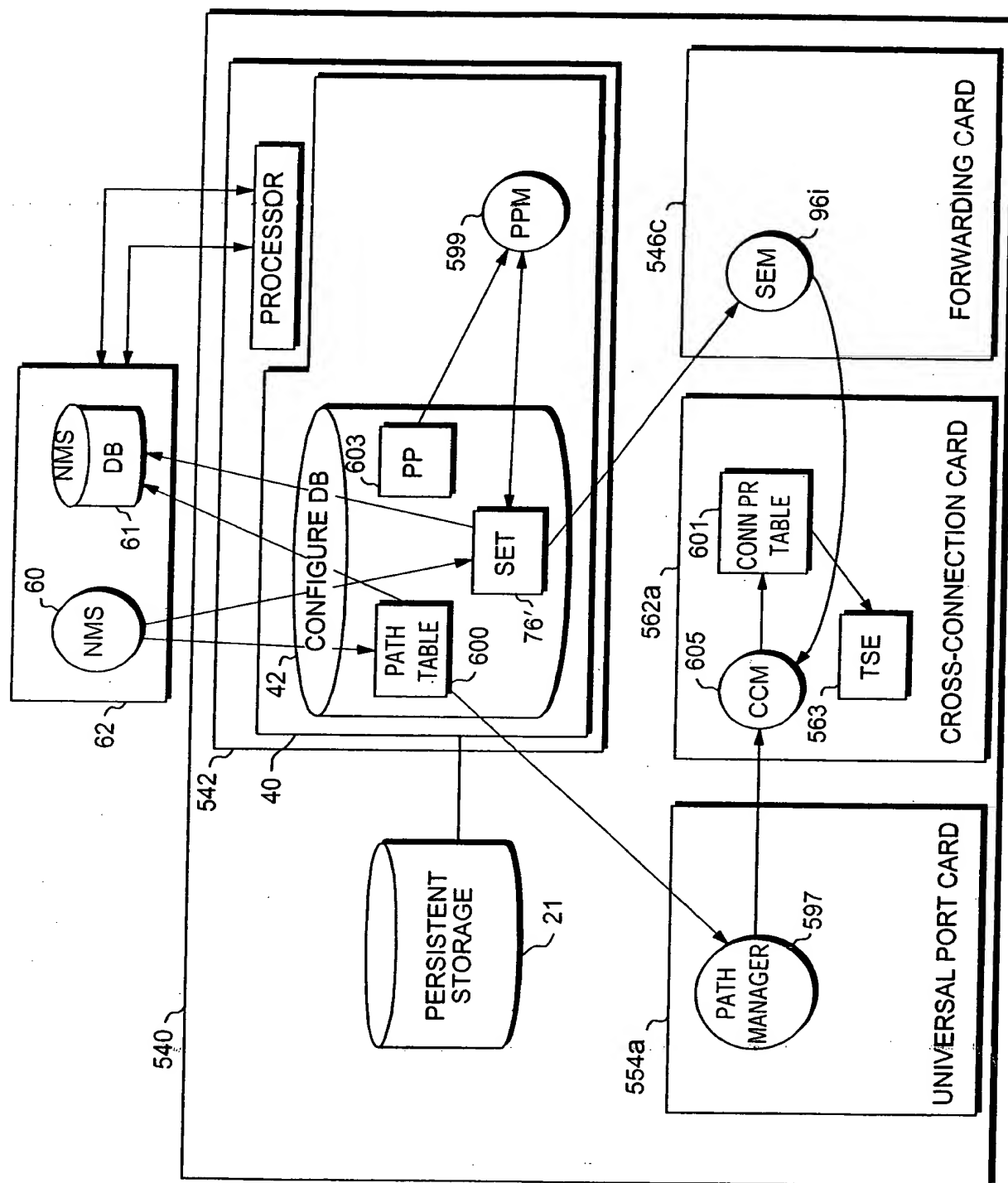


FIG. 37

PATH TABLE 600

602

PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	...
1666	1231	4	3	
⋮	⋮	⋮	⋮	⋮

FIG. 38

SERVICE END POINT TABLE 76'

604	SE #	Q #	606 FC LID	608 FC SLICE	610 FC TIME SLOT	PATH PID	...
	878	1				1666	
	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 39

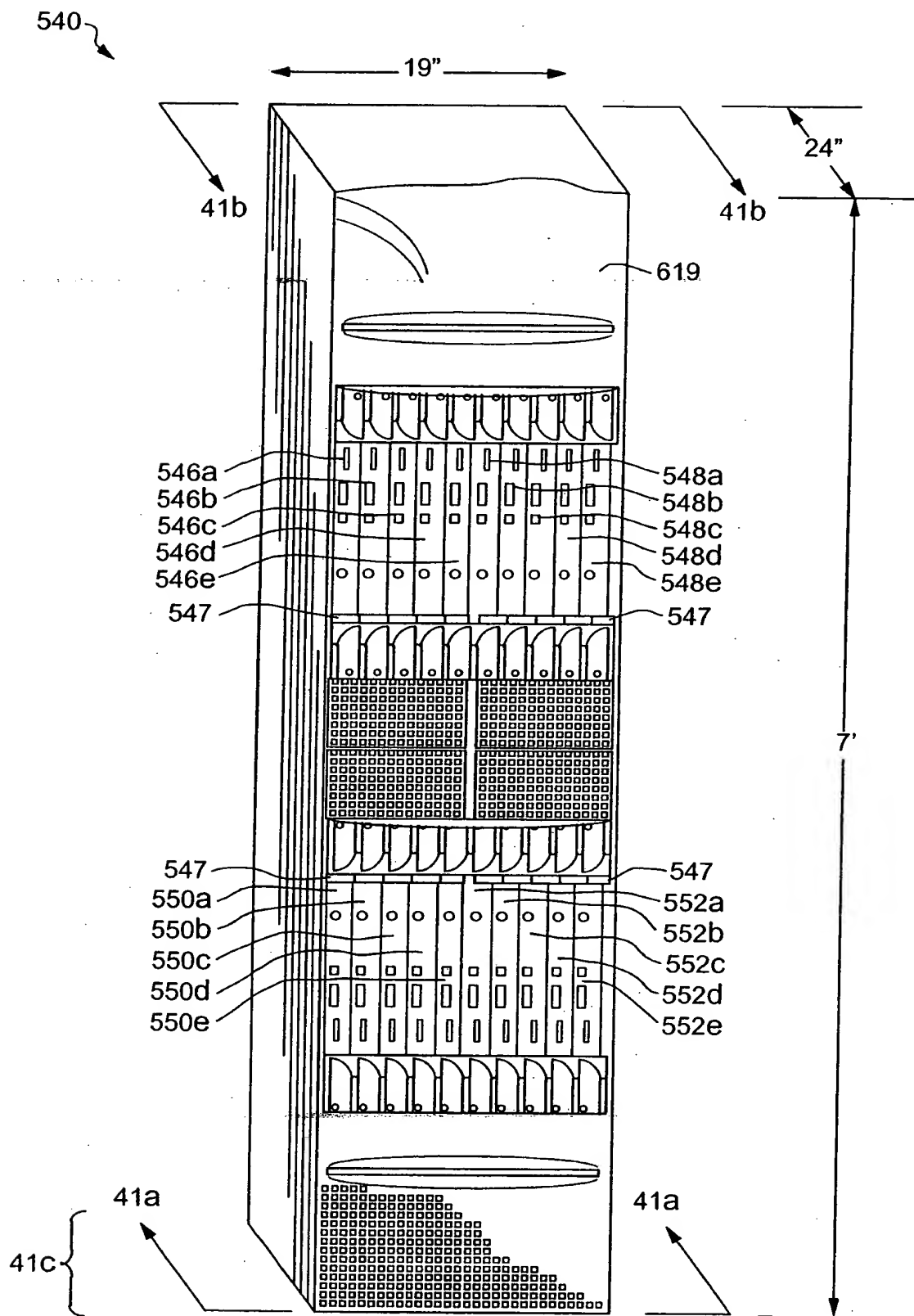


FIG. 40

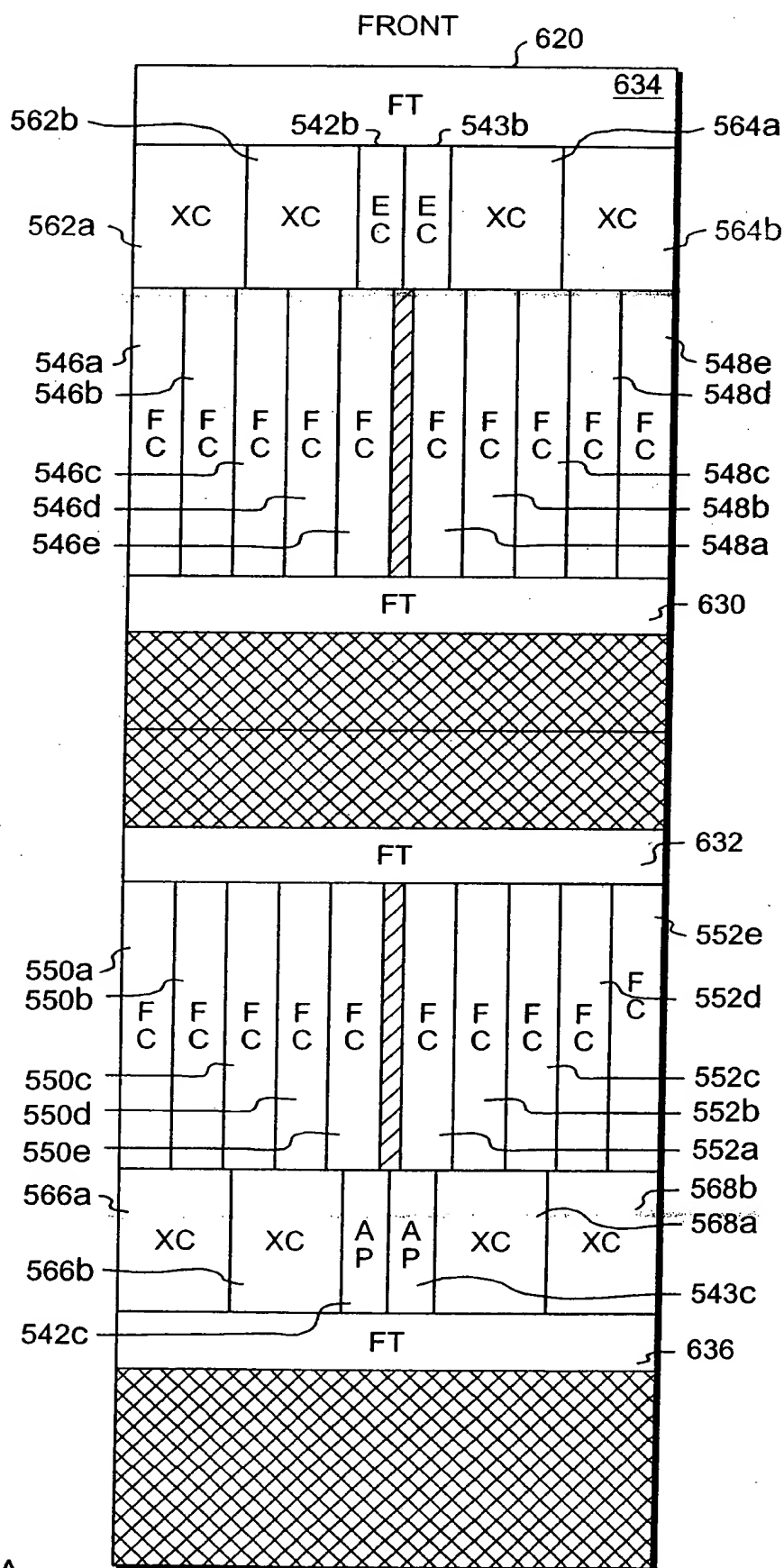


FIG. 41A

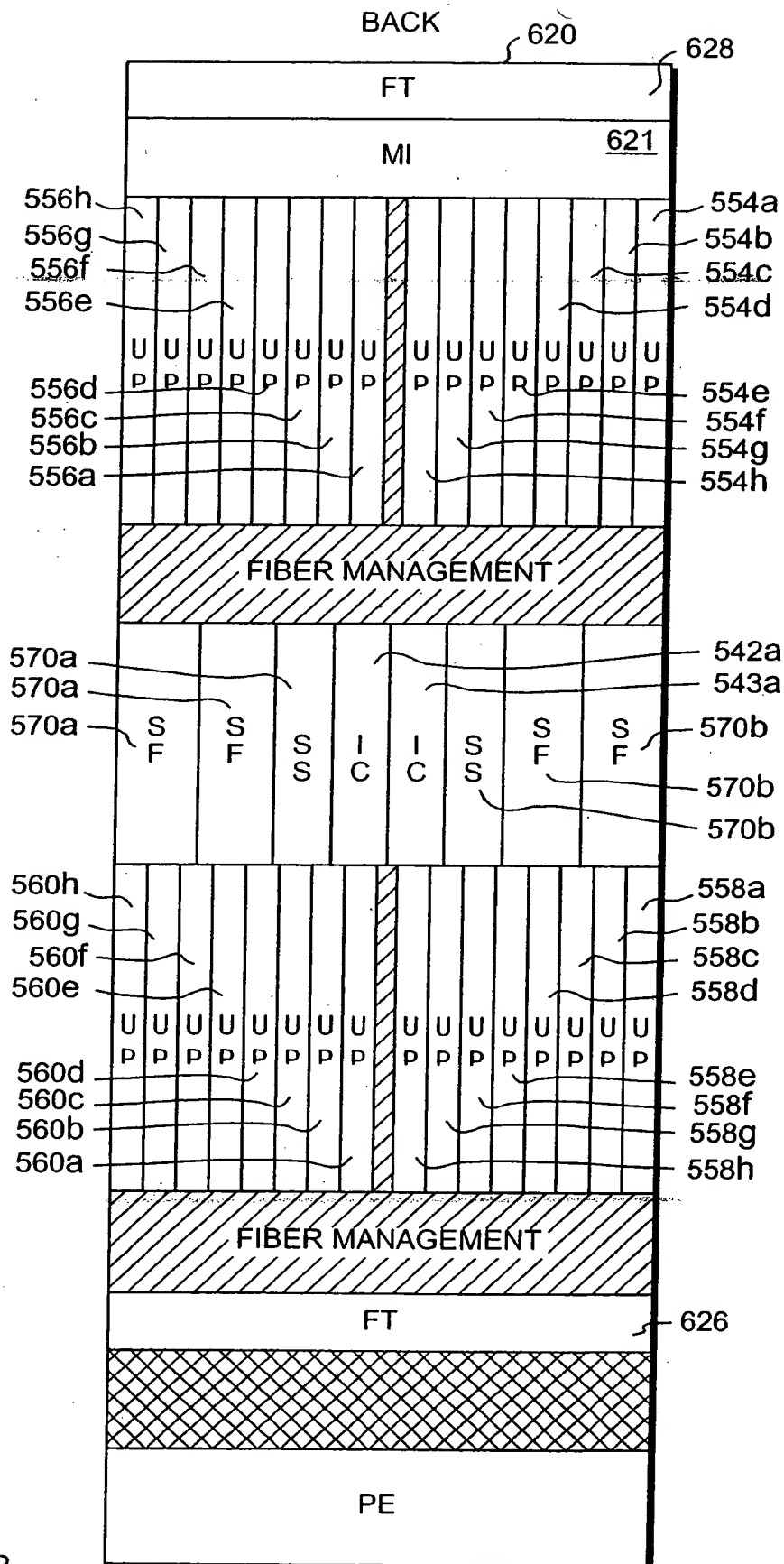


FIG. 41B

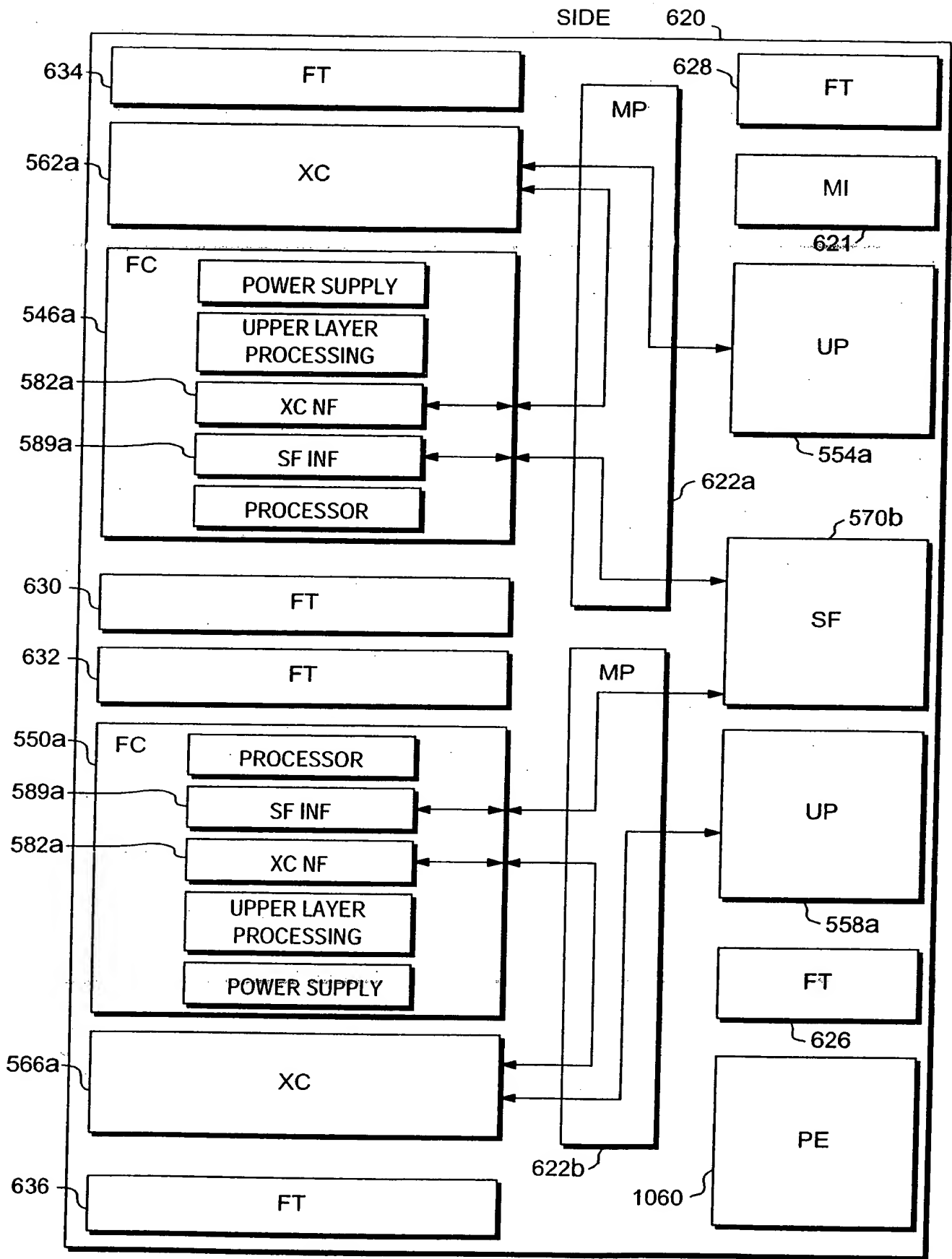


FIG. 41C

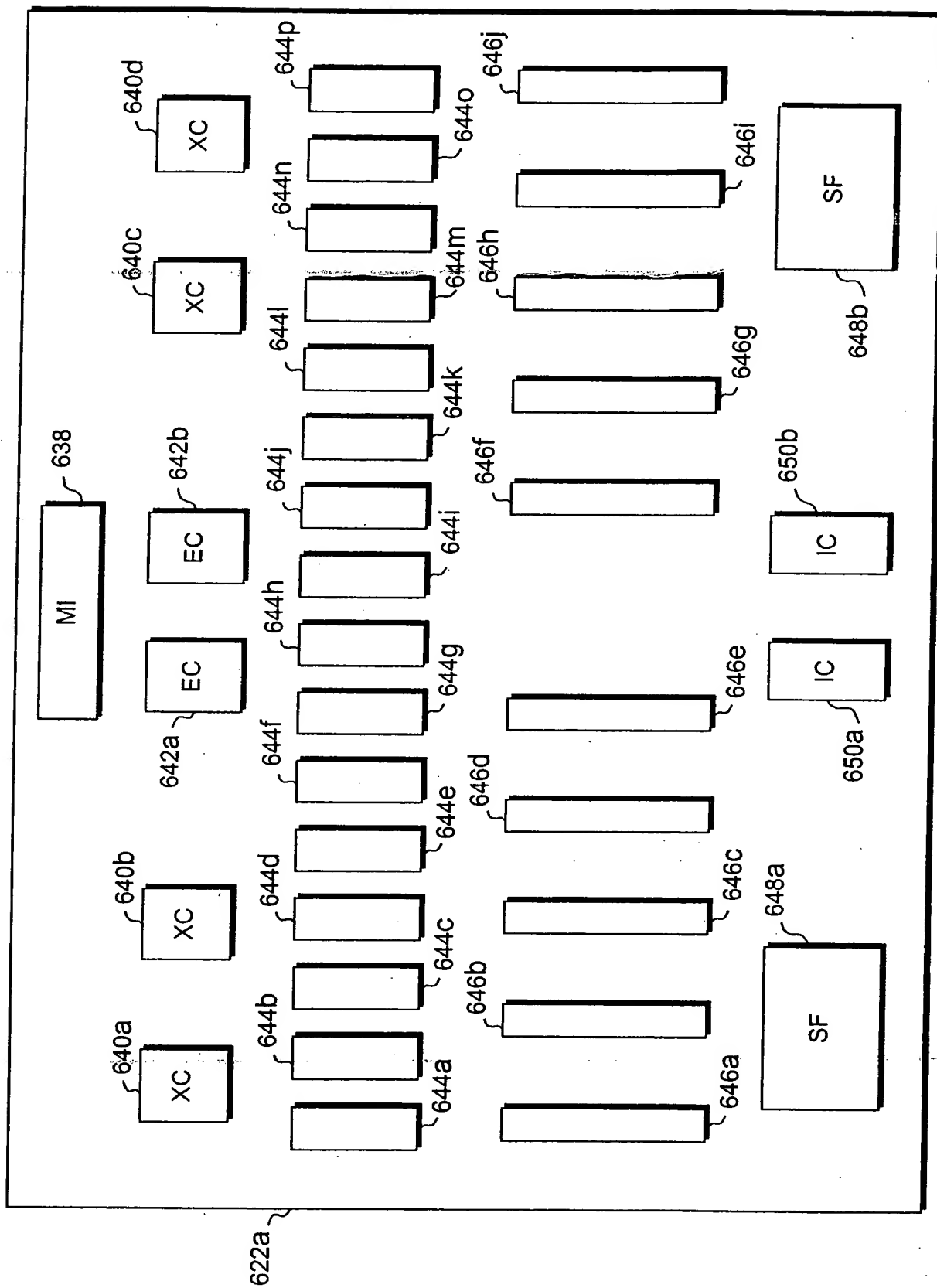
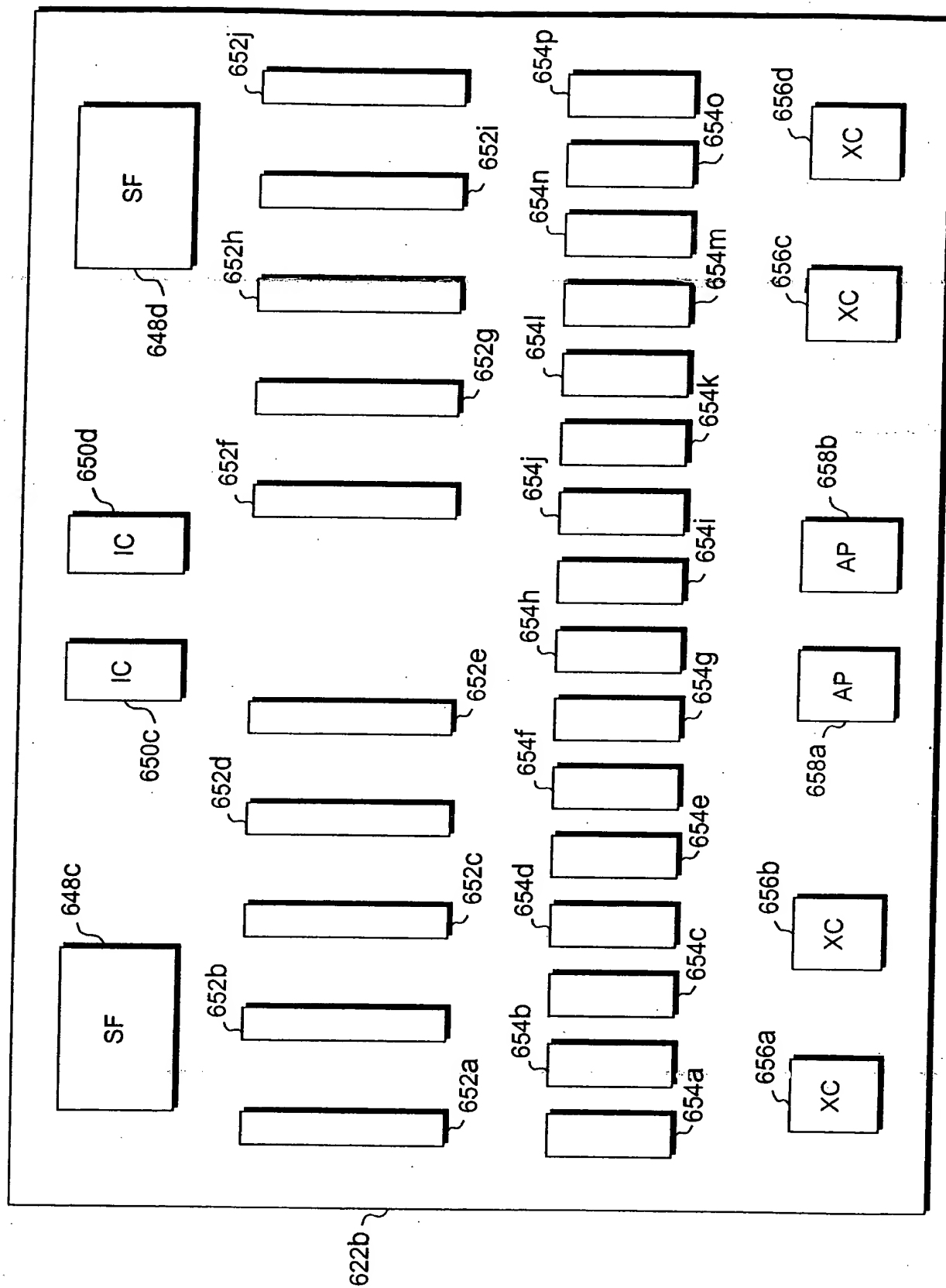


FIG. 42A



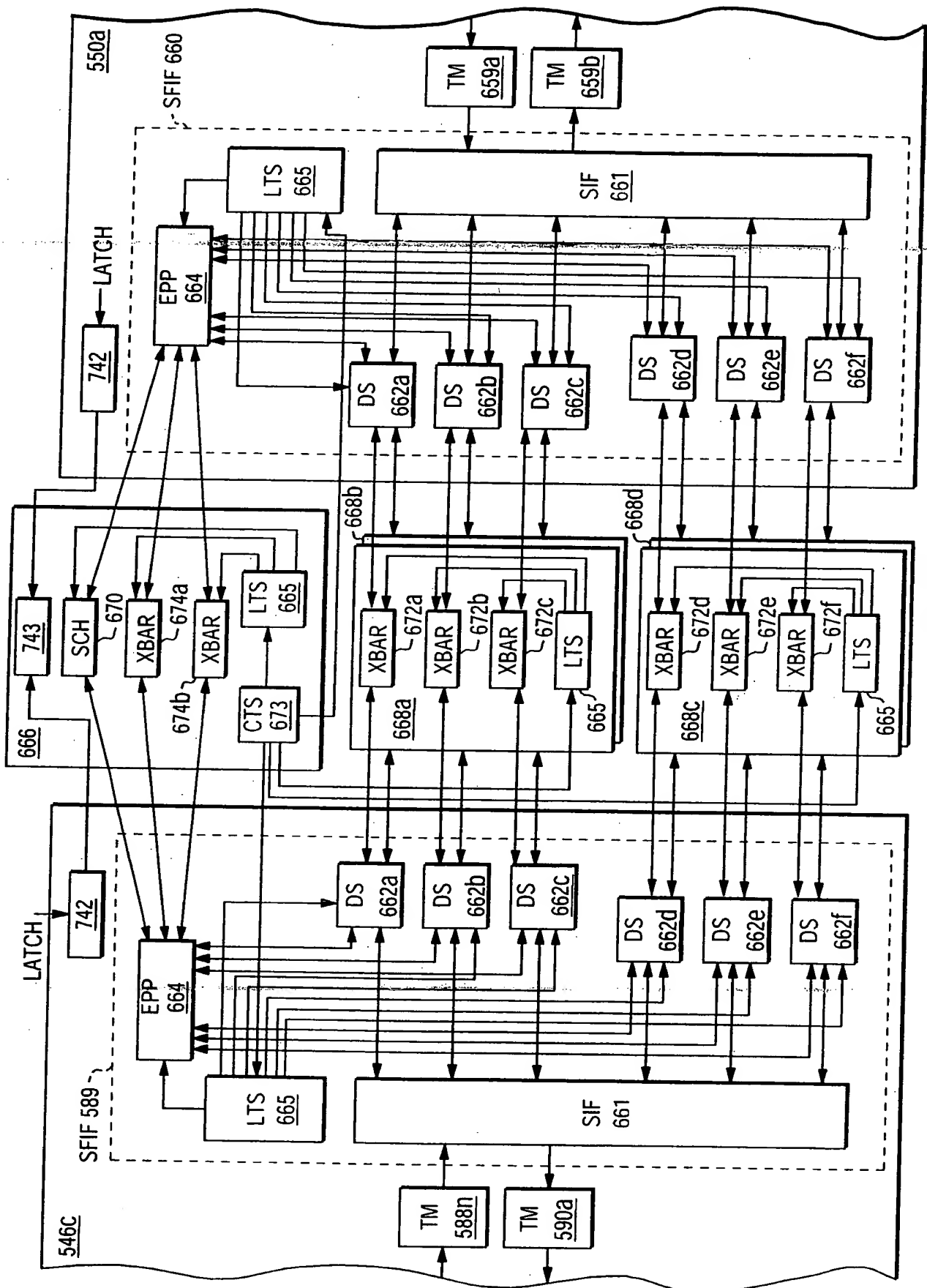


FIG. 43

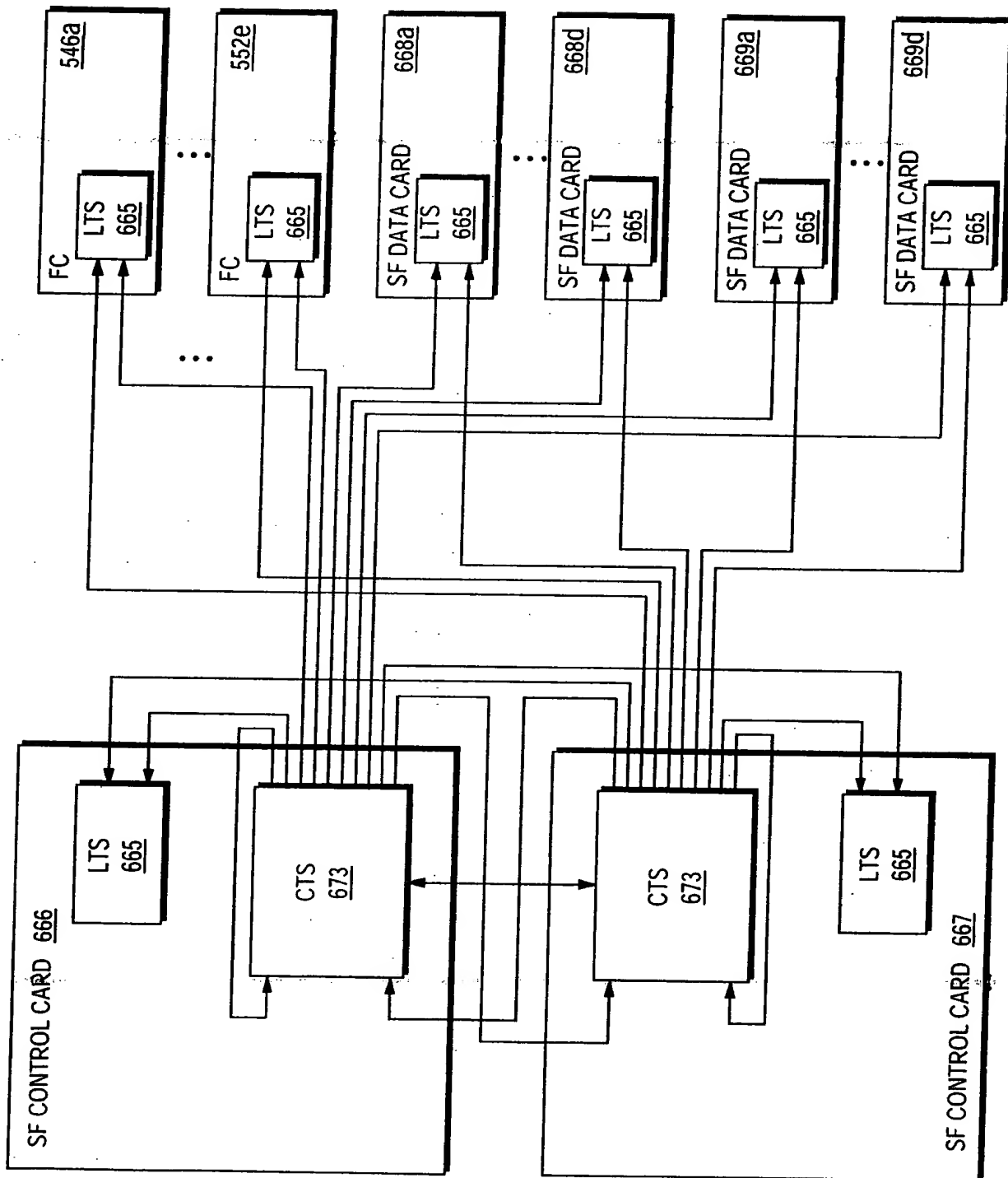


FIG. 44

CTS
673

FROM 686
FIG. 45A

FROM 676
FIG. 45A

FROM 693
FIG. 45A

SFC_REF
BENCH_FB

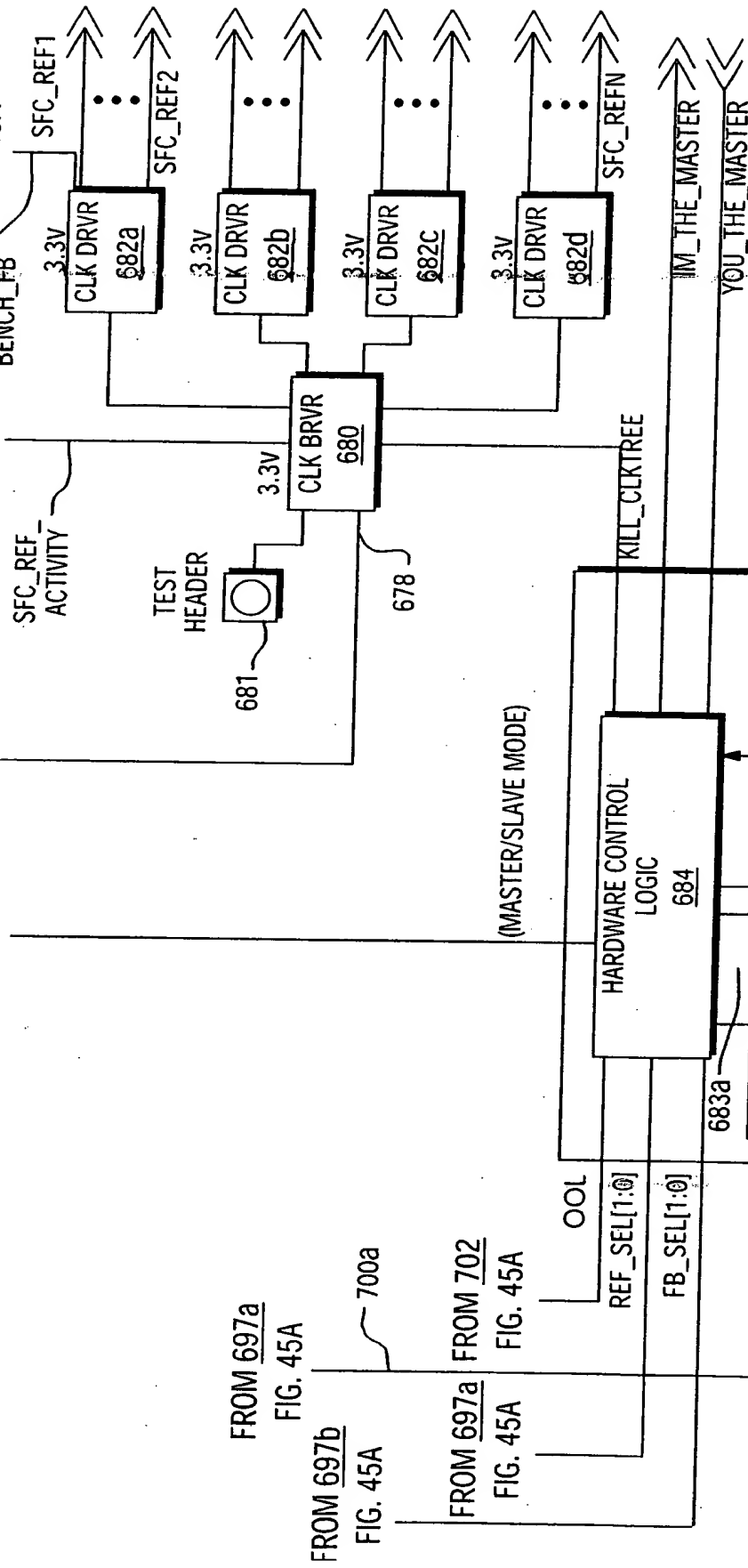


FIG. 45B

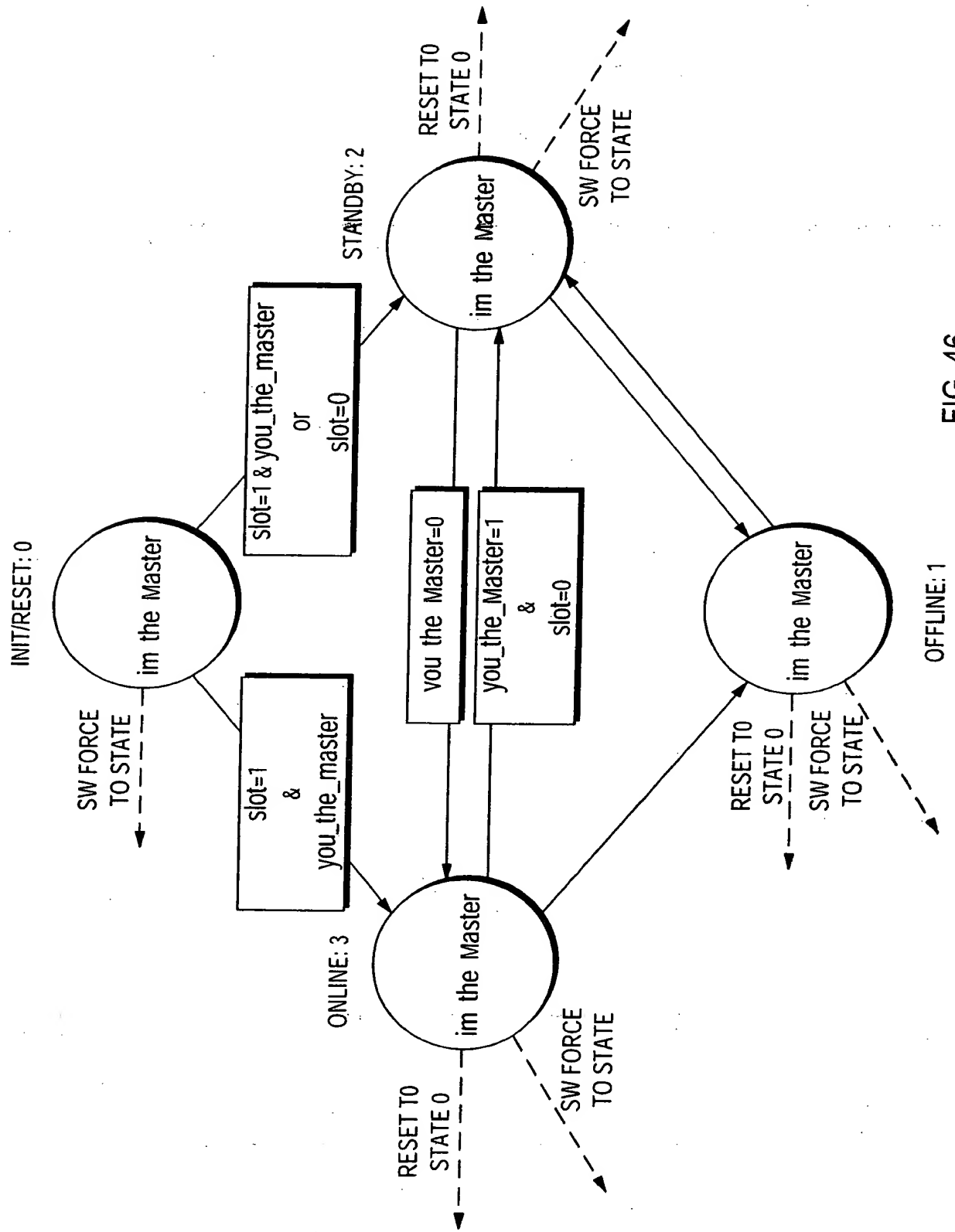


FIG. 46

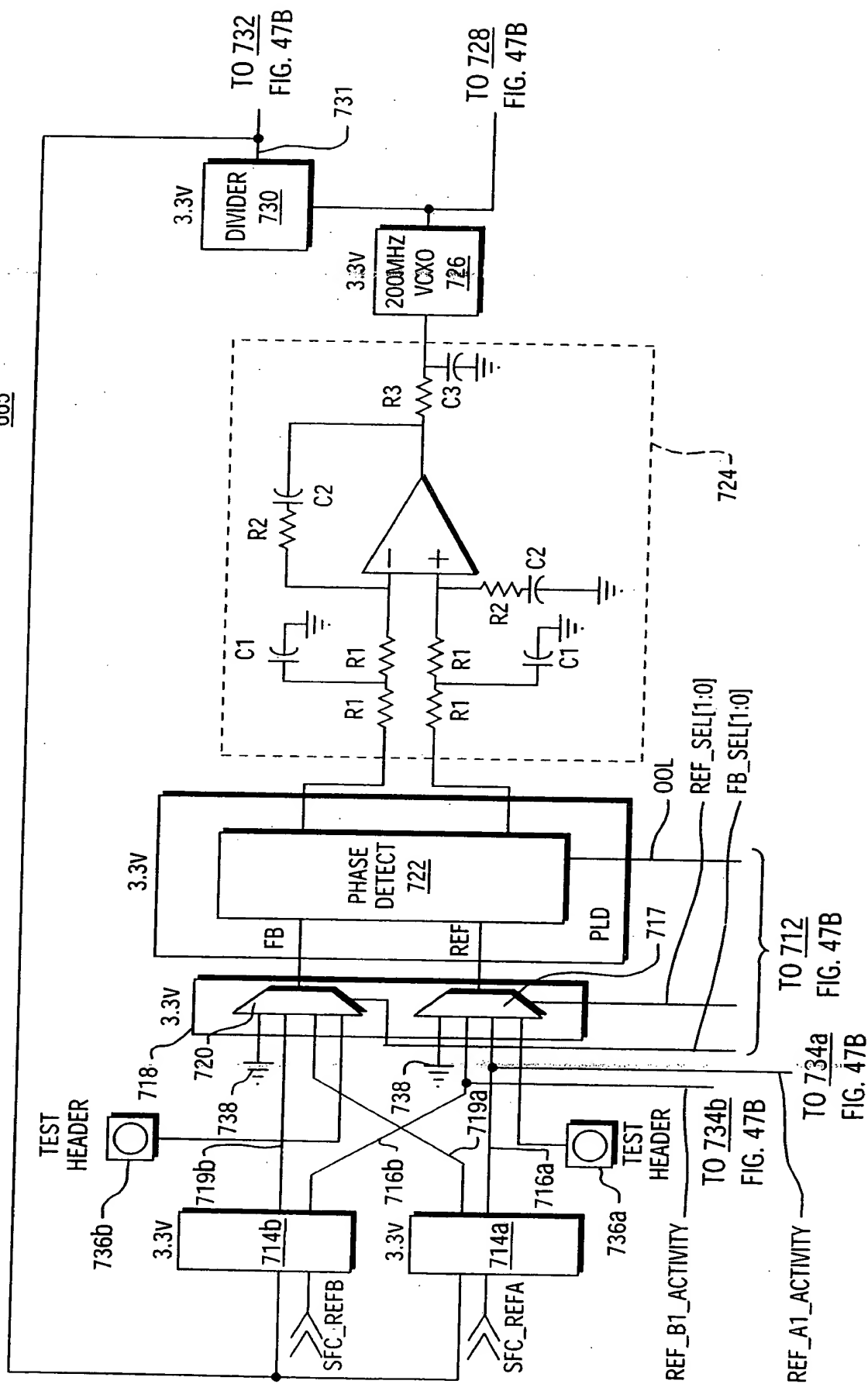


FIG. 47A

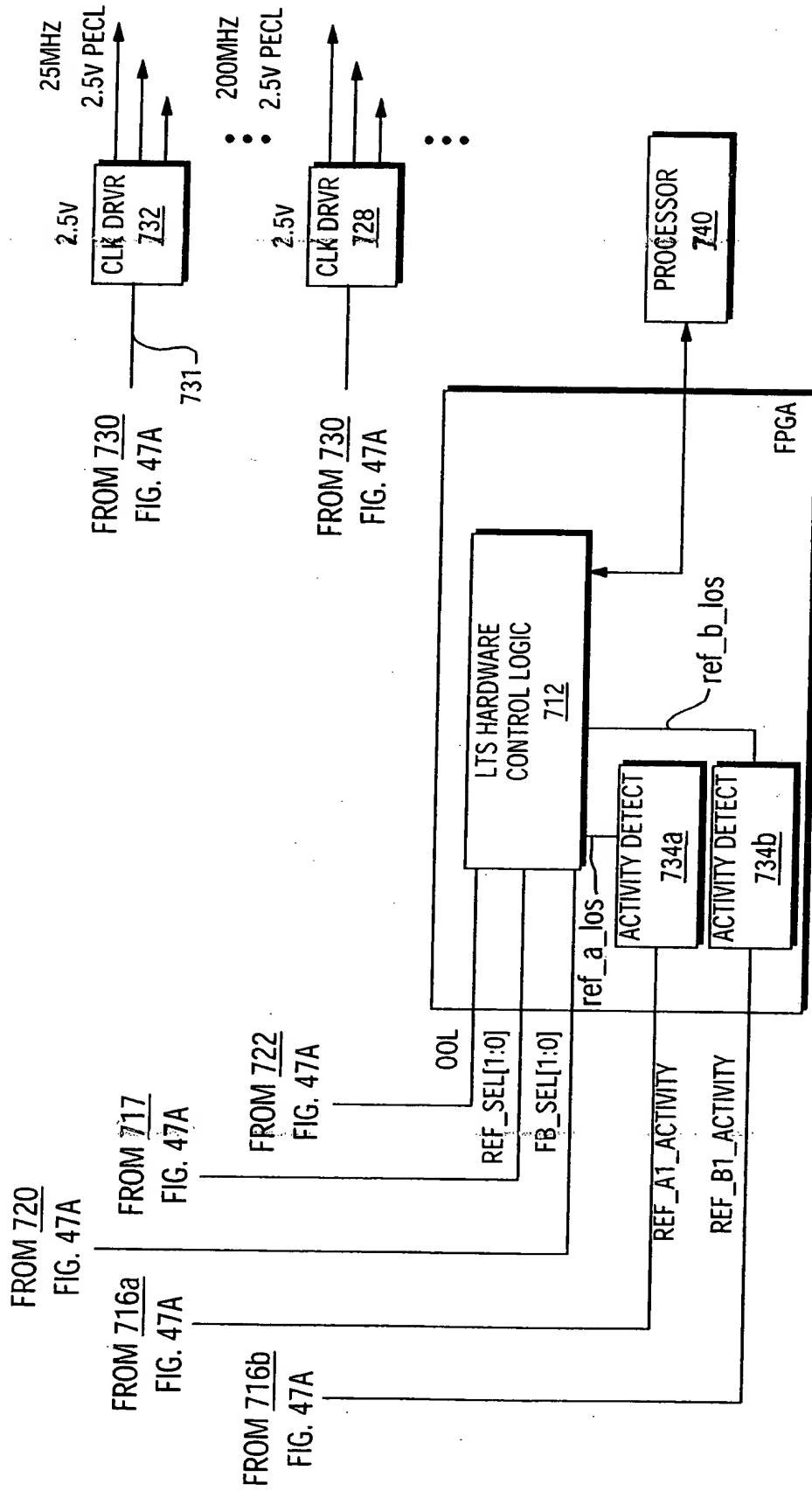


FIG. 47B

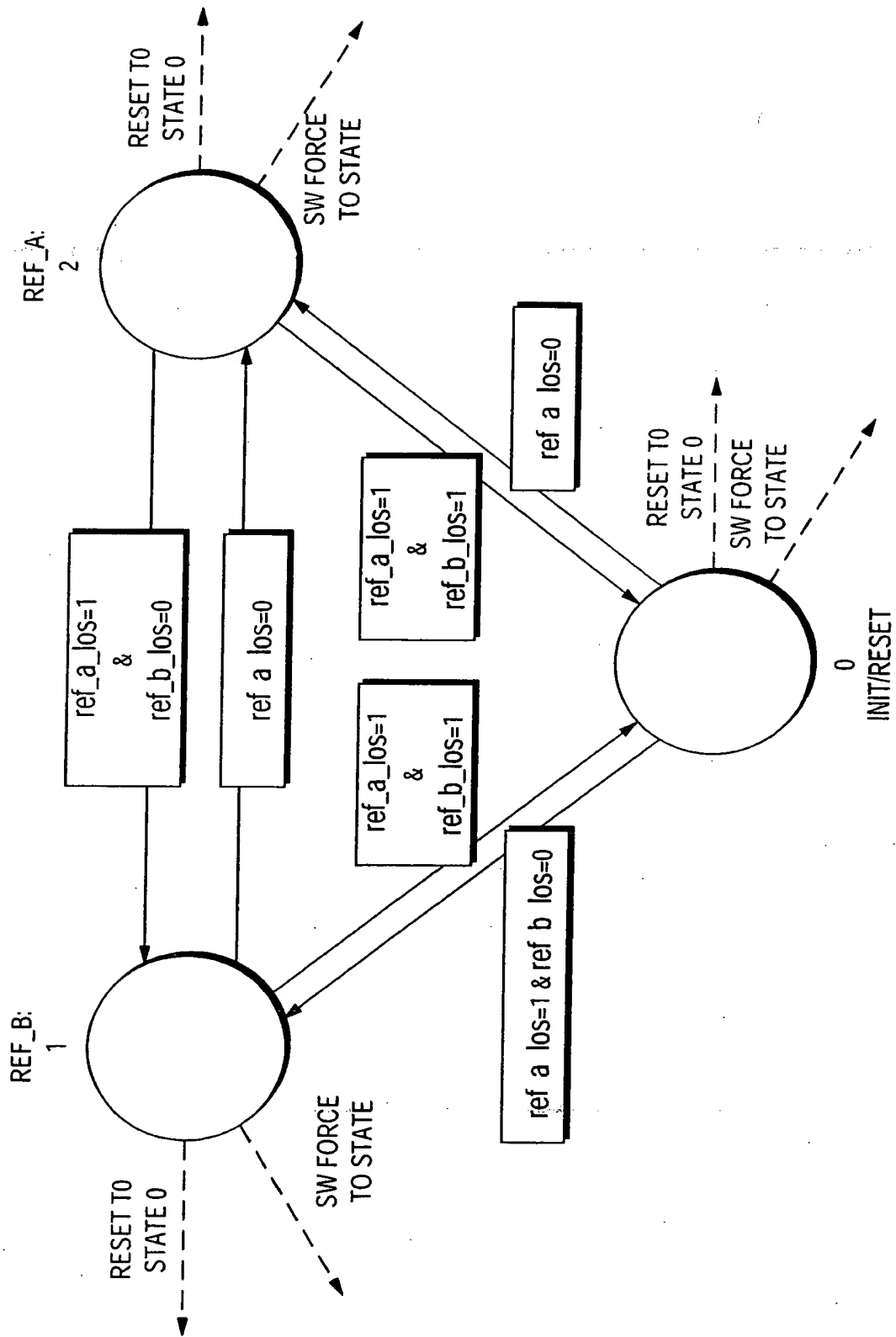


FIG. 48

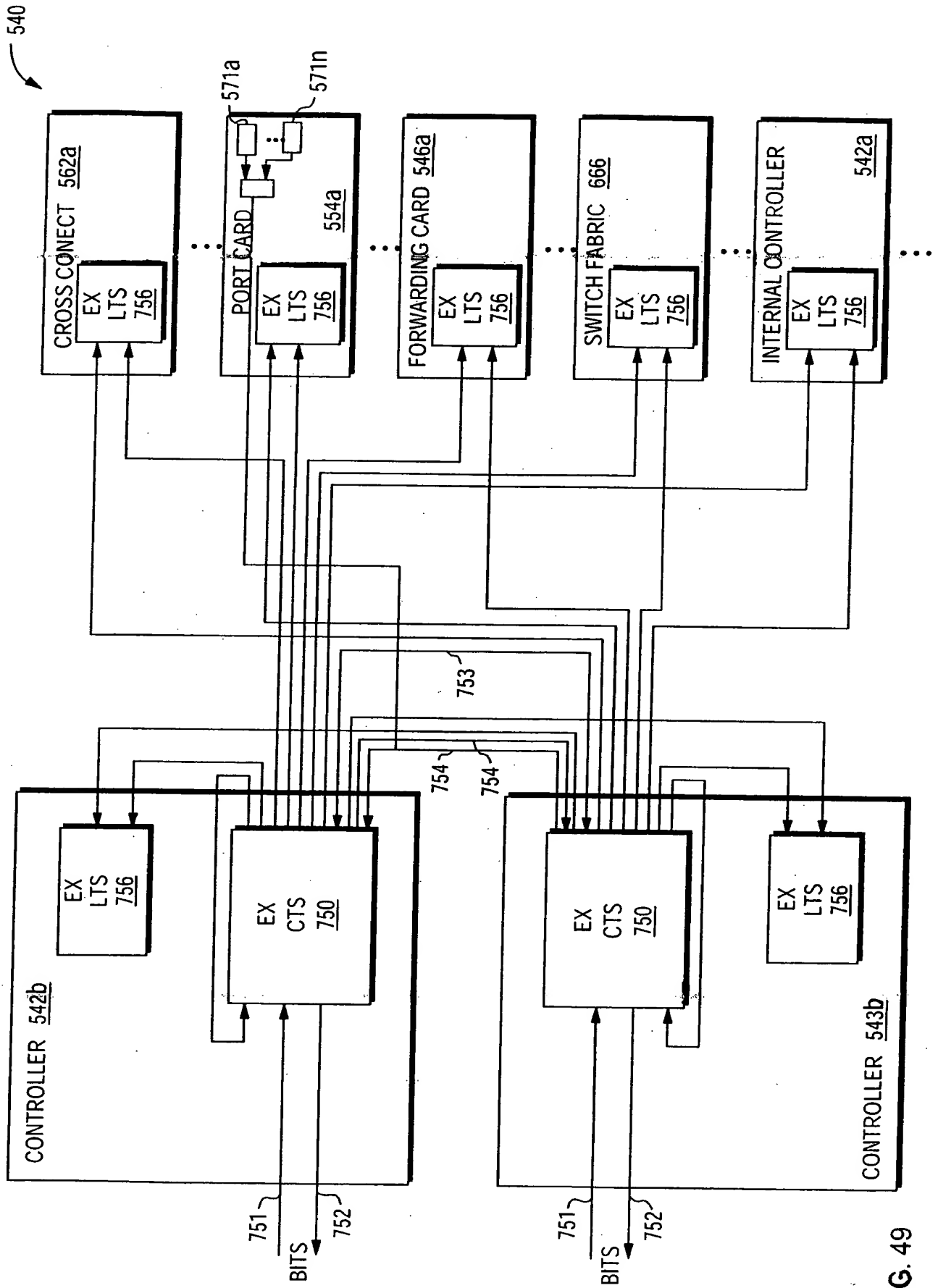


FIG. 49

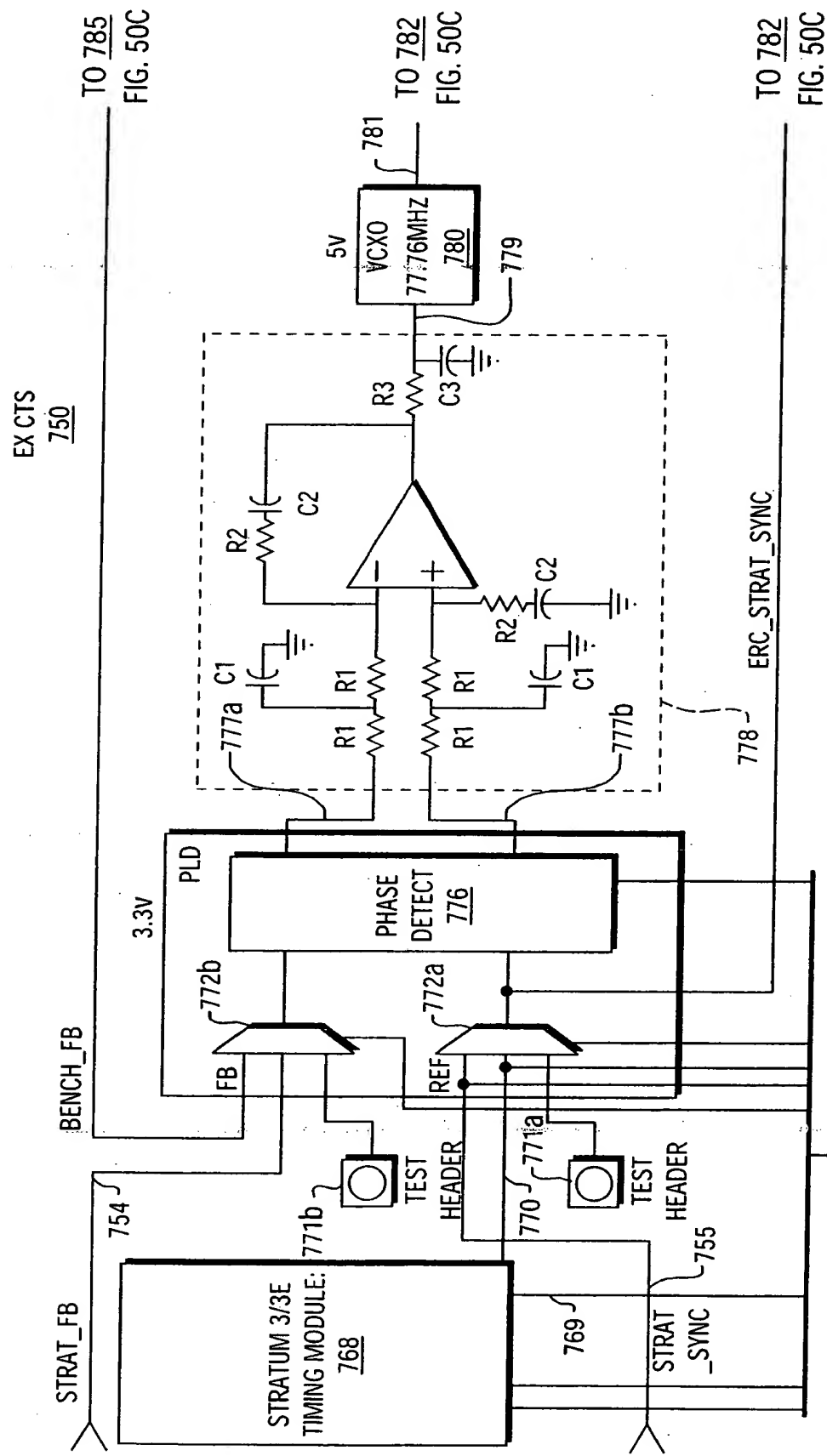


FIG. 50A

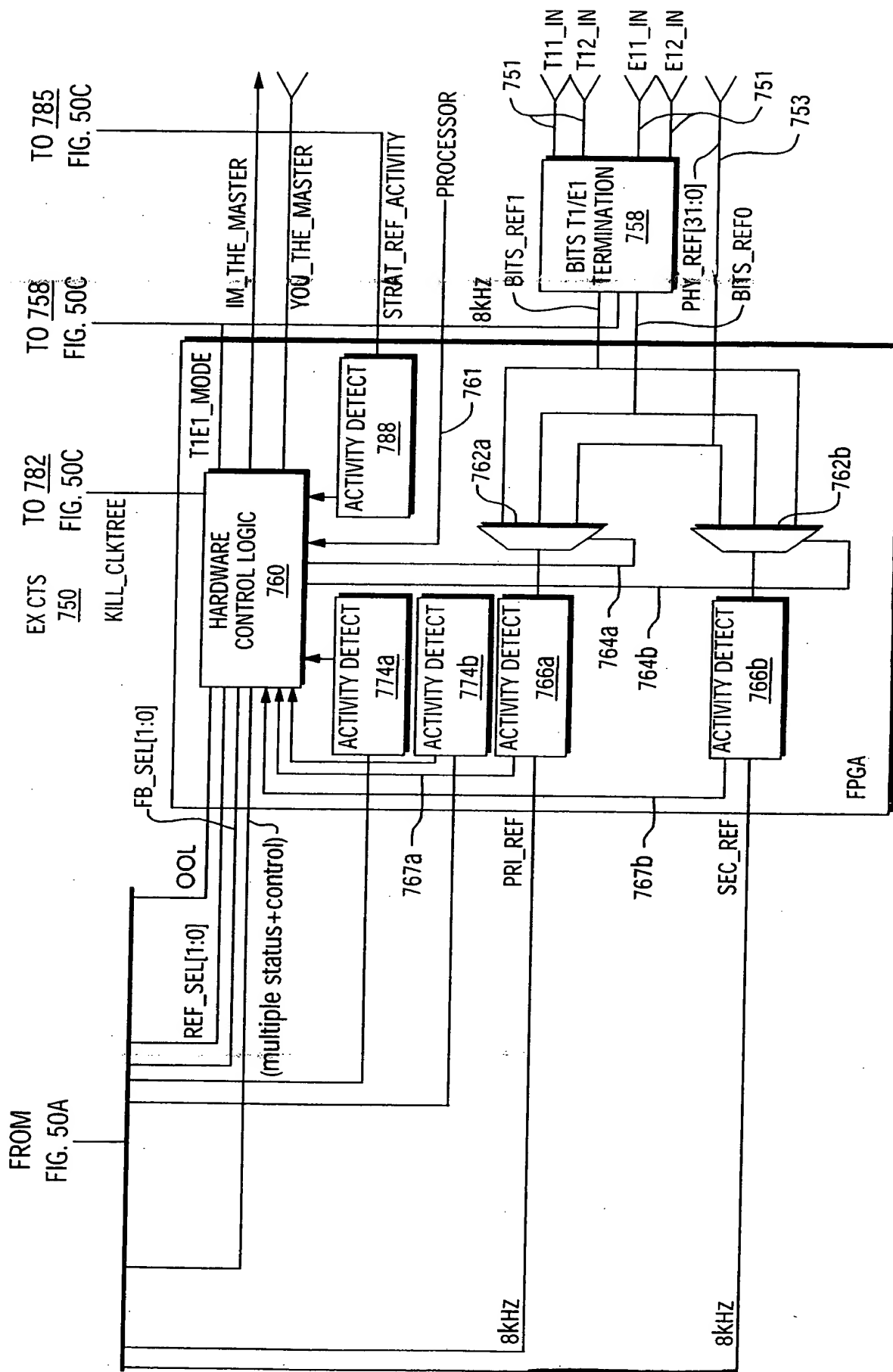


FIG. 50B

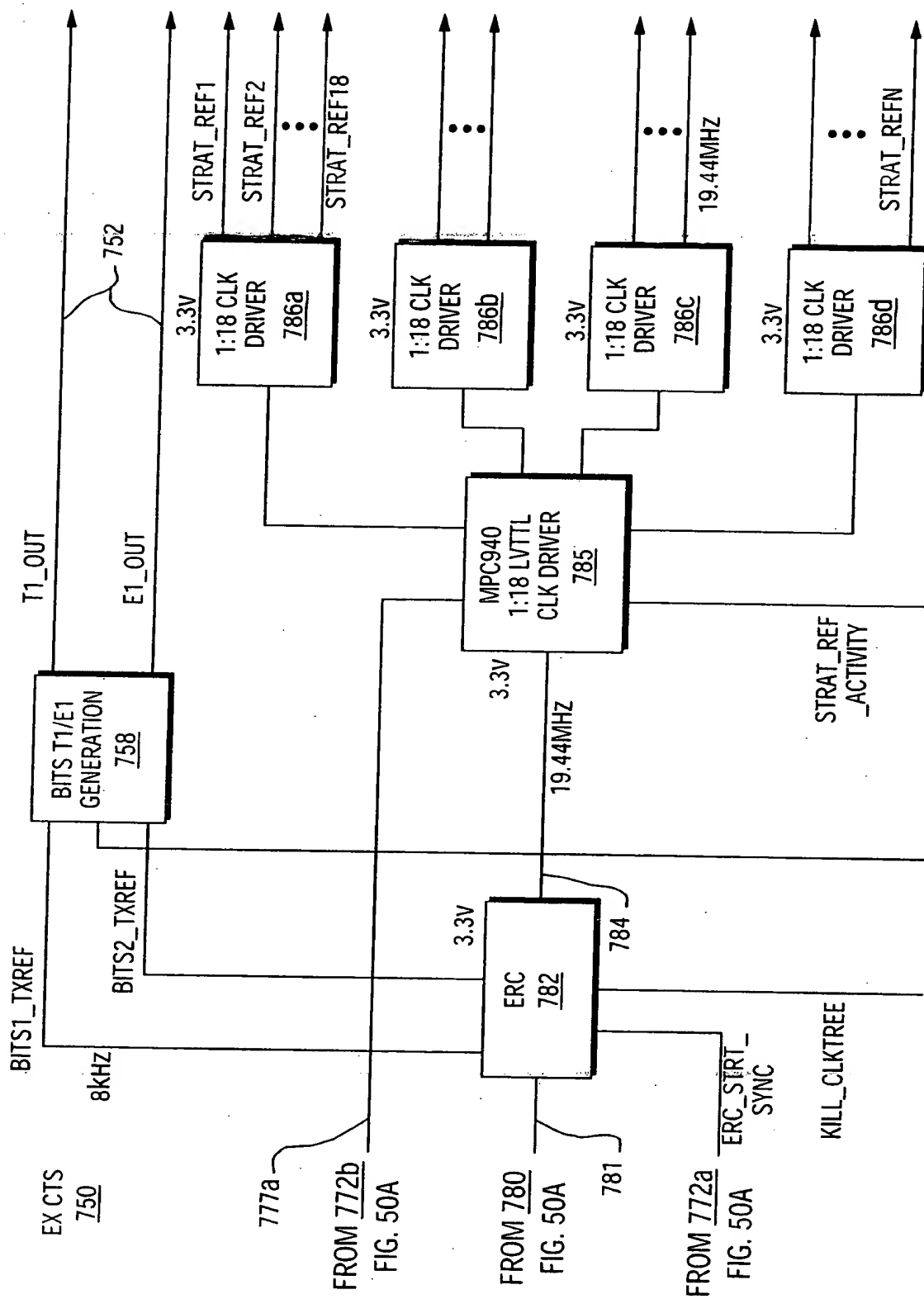


FIG. 50C

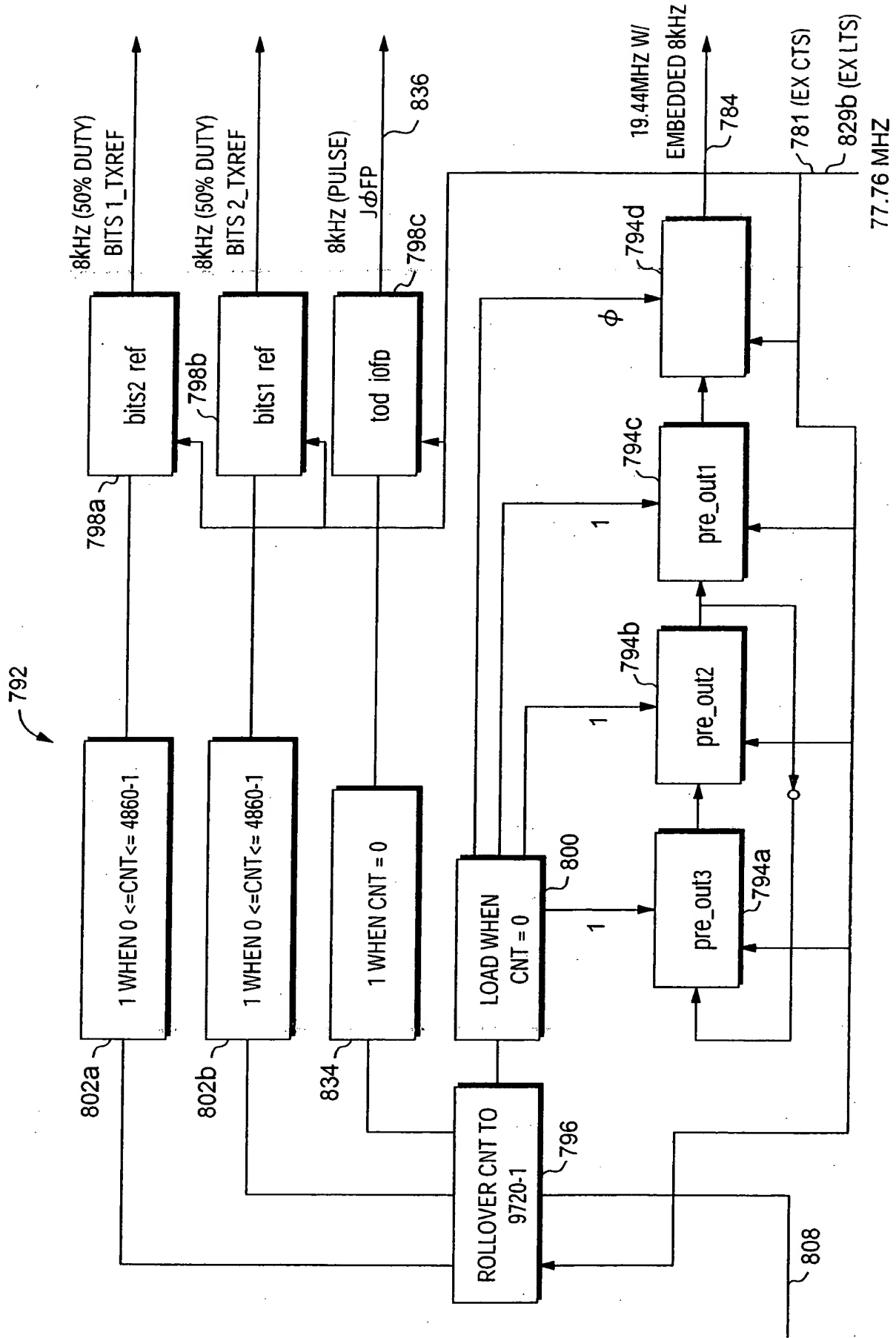


FIG. 52

EXTRACTOR
804

ERC_STRAT_SYNC (EX CTS)
STRAT_REF_A OR STRAT_REF_B (EX LTS) 832
19.44MHz WITH ENCLOSED 8kHz
(MUST BE PULLED LOW WHEN NOT PRESENT)

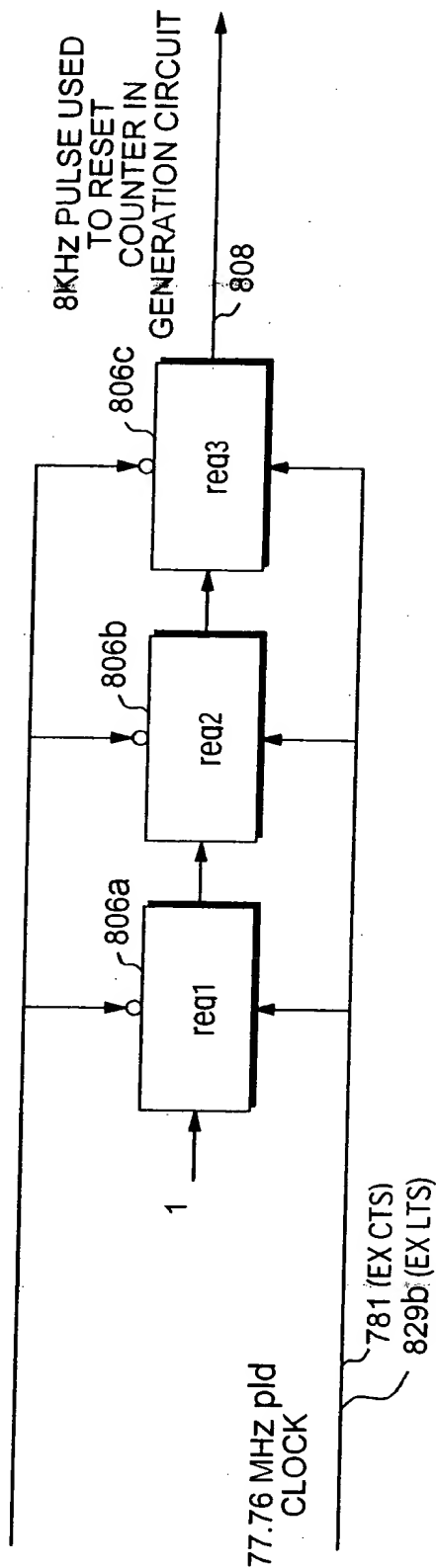


FIG. 53

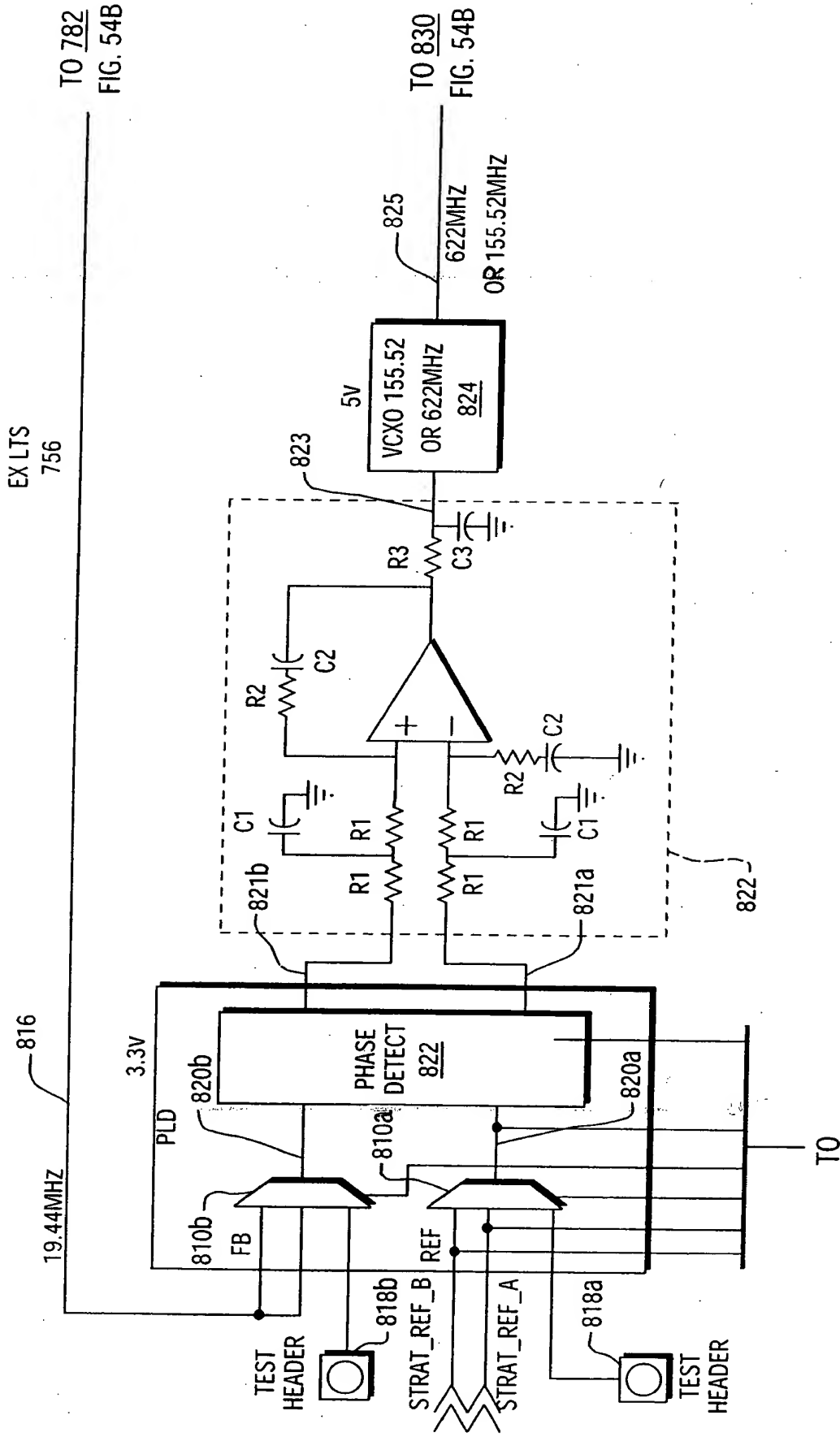


FIG. 54B

FIG. 54A

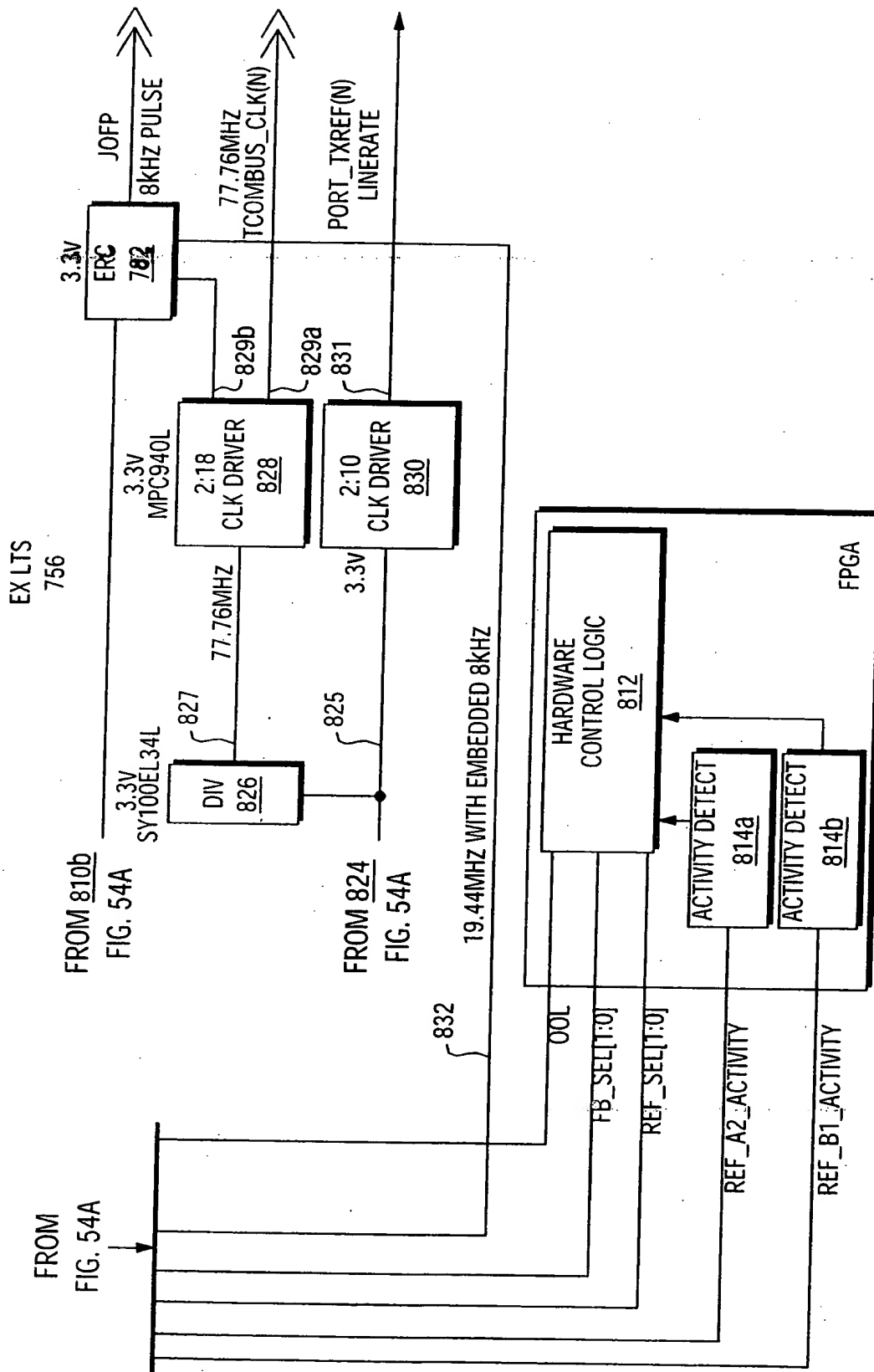
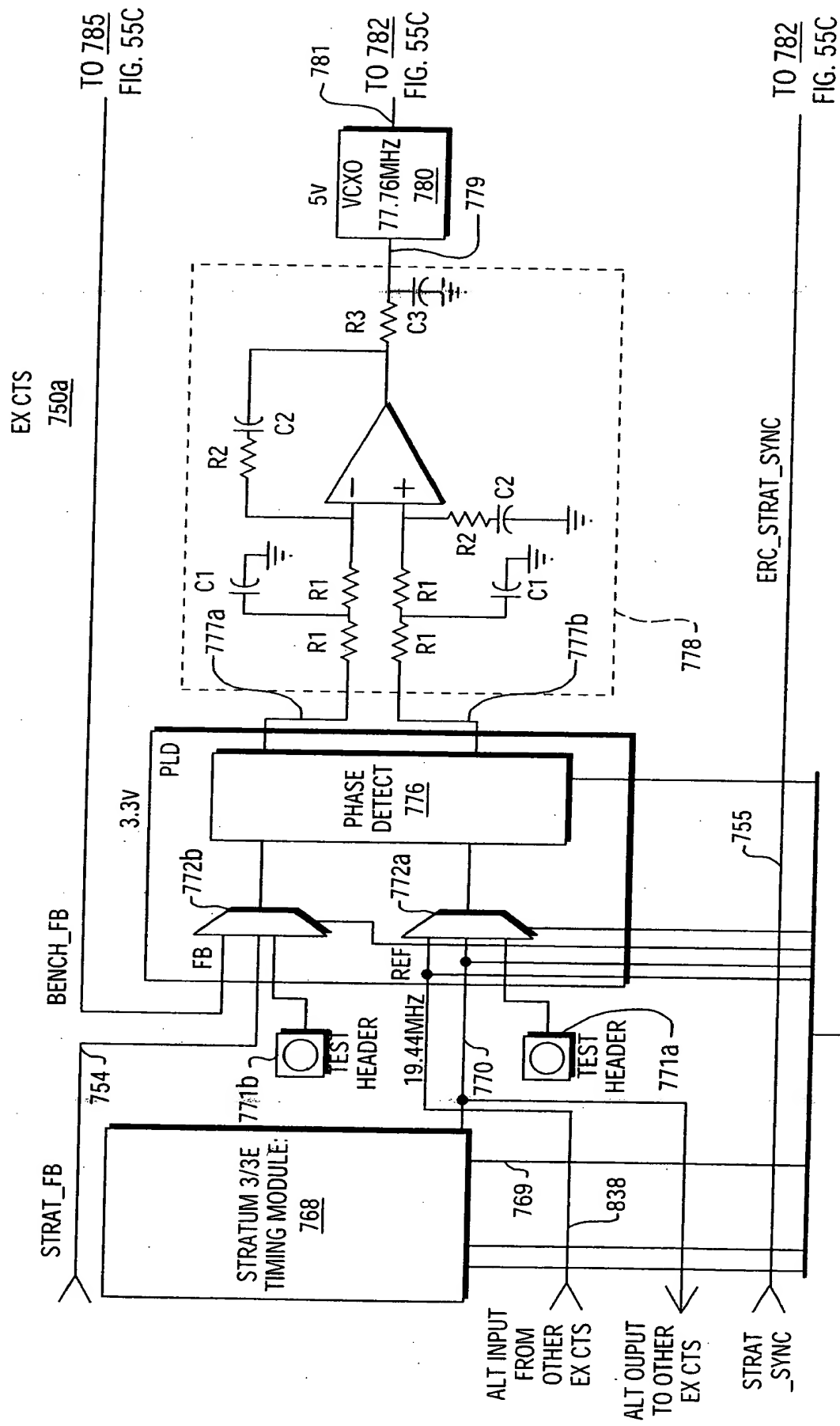


FIG. 54B



TO
FIG. 55B

FIG. 55A

EX CTS

750a

FROM
FIG. 55A

TO 782
FIG. 55C

TO 758
FIG. 55C

TO 785
FIG. 55C

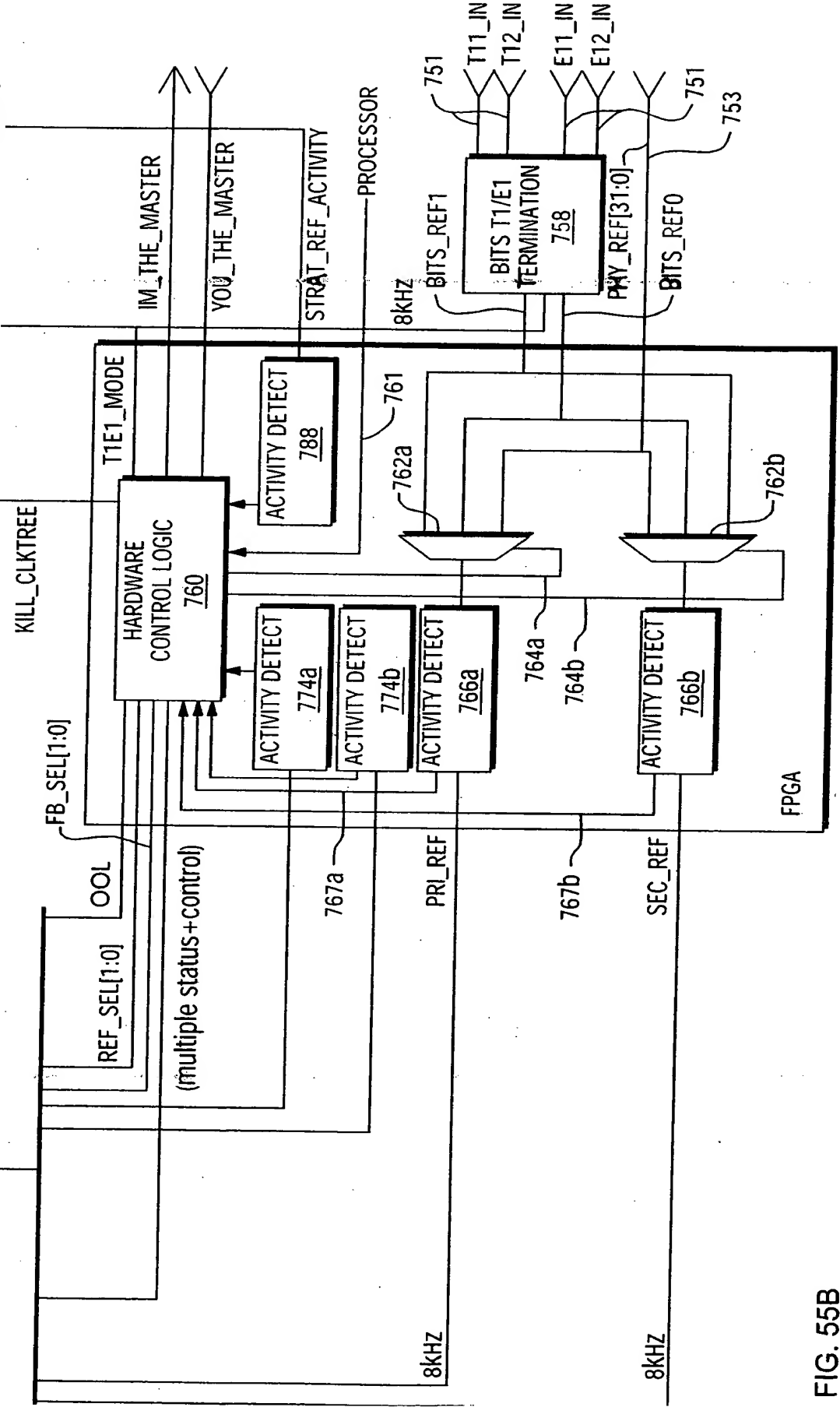
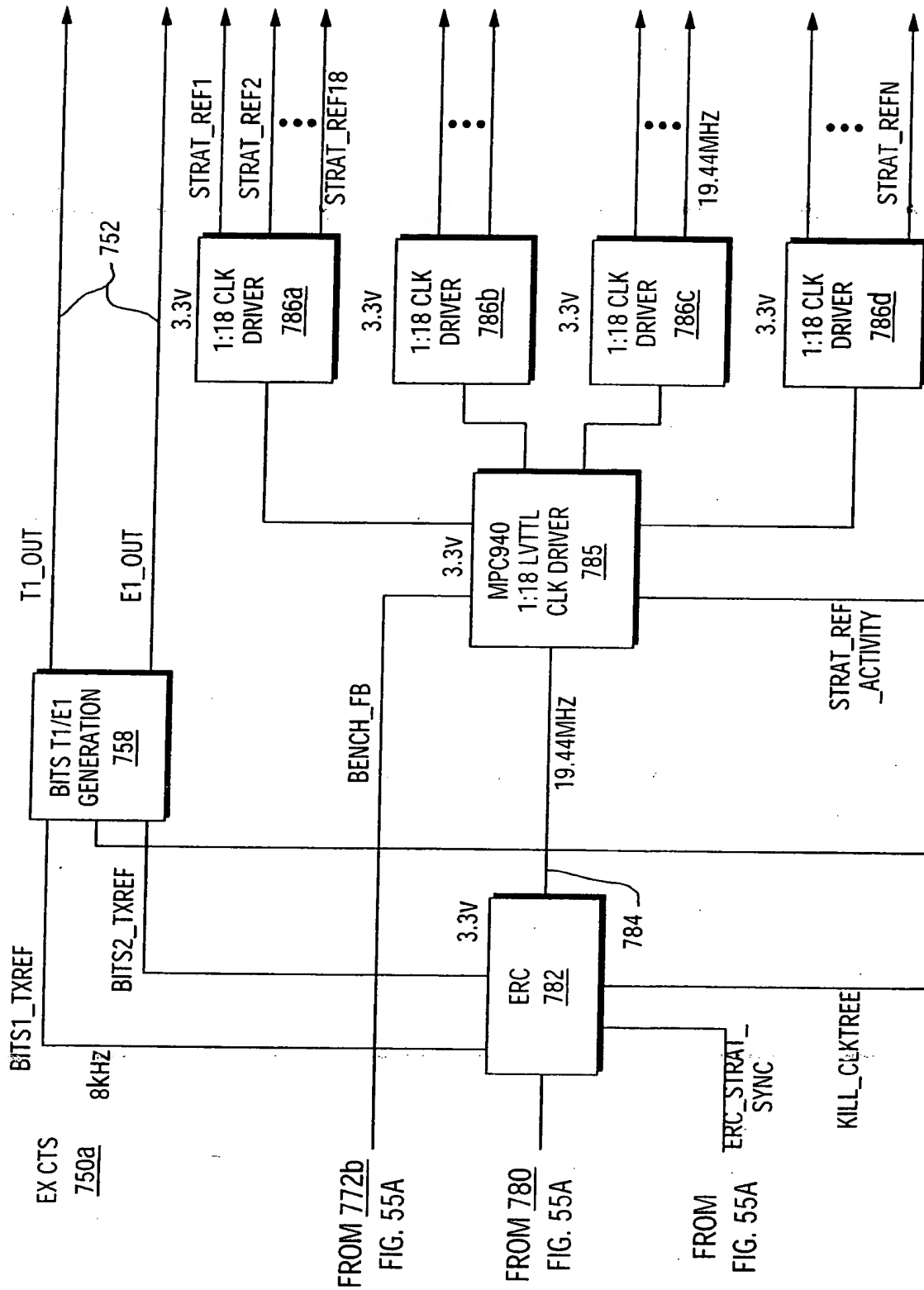


FIG. 55B



FROM 760 FIG. 55B
 FROM 758 FIG. 55B
 FROM 788 FIG. 55B

FIG. 55C

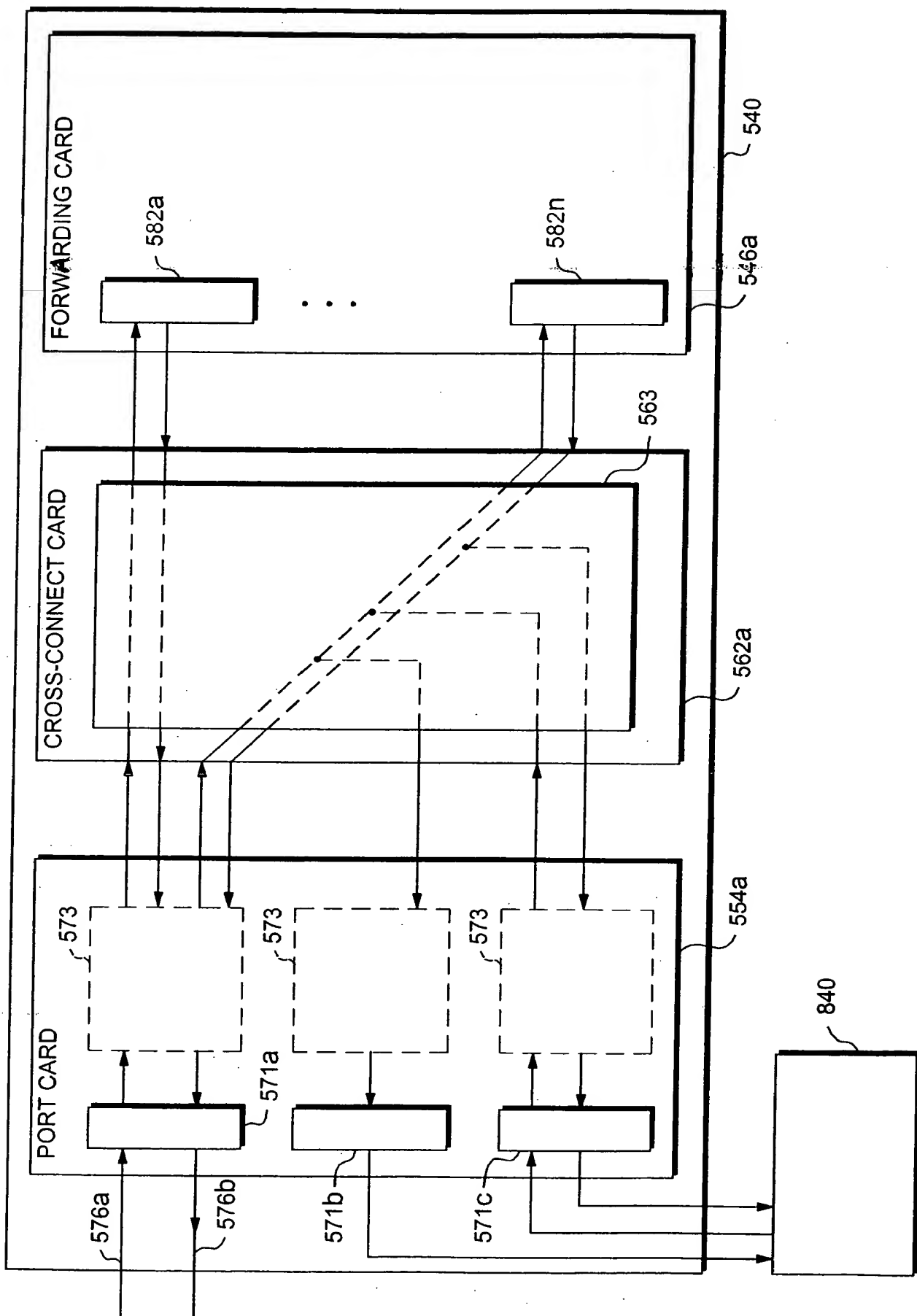


FIG. 56

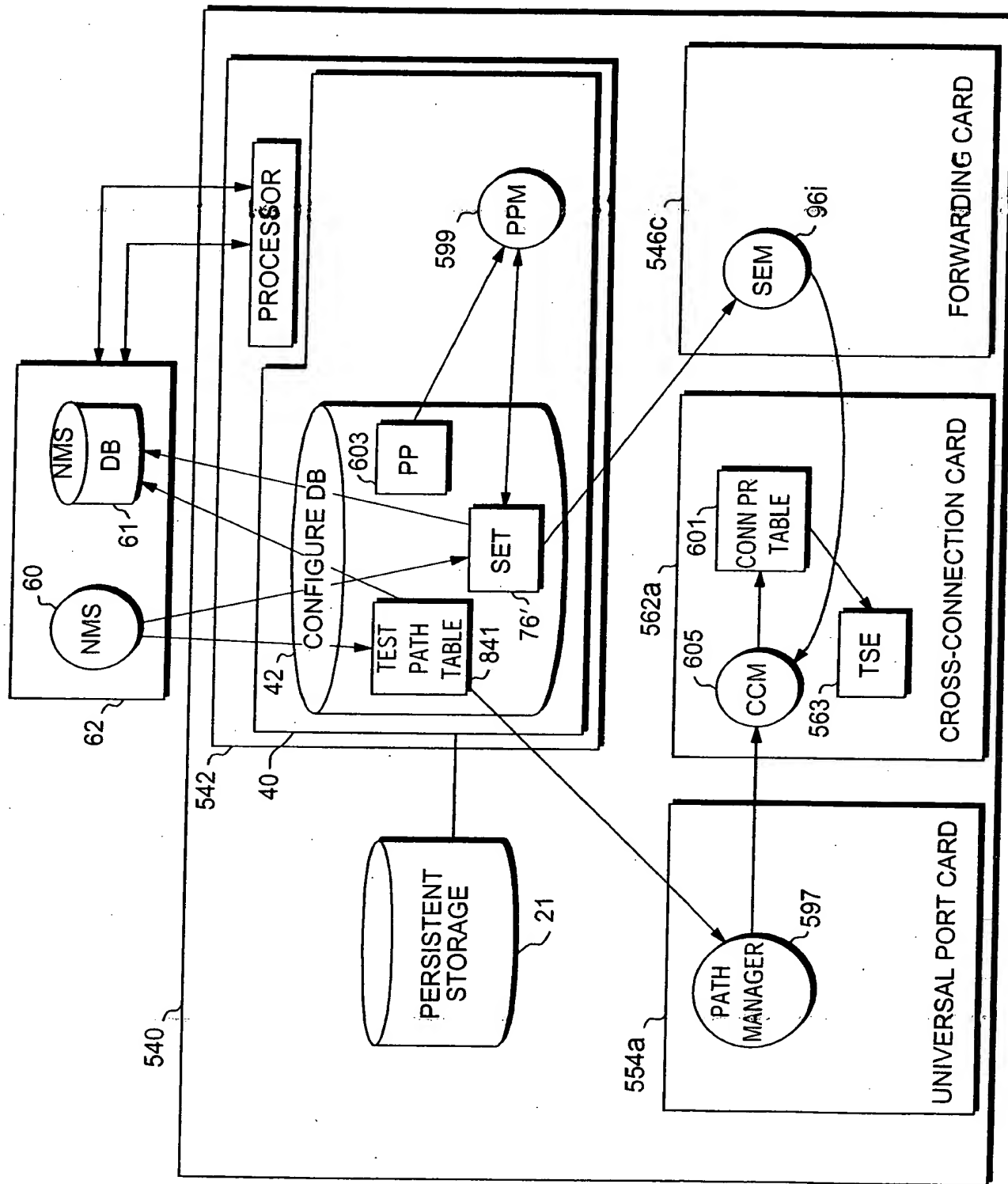


FIG. 57

TEST PATH TABLE 841

PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	844		845	...
				MONITOR			
				INGRESS			
				EGRESS			
1666	1232	4	3	INGRESS		NO	
1666	1233	4	3	EGRESS		NO	
1666	1233	4	3	INGRESS		YES	
⋮	⋮	⋮	⋮				⋮
⋮	⋮	⋮	⋮				⋮
⋮	⋮	⋮	⋮				⋮

FIG. 58

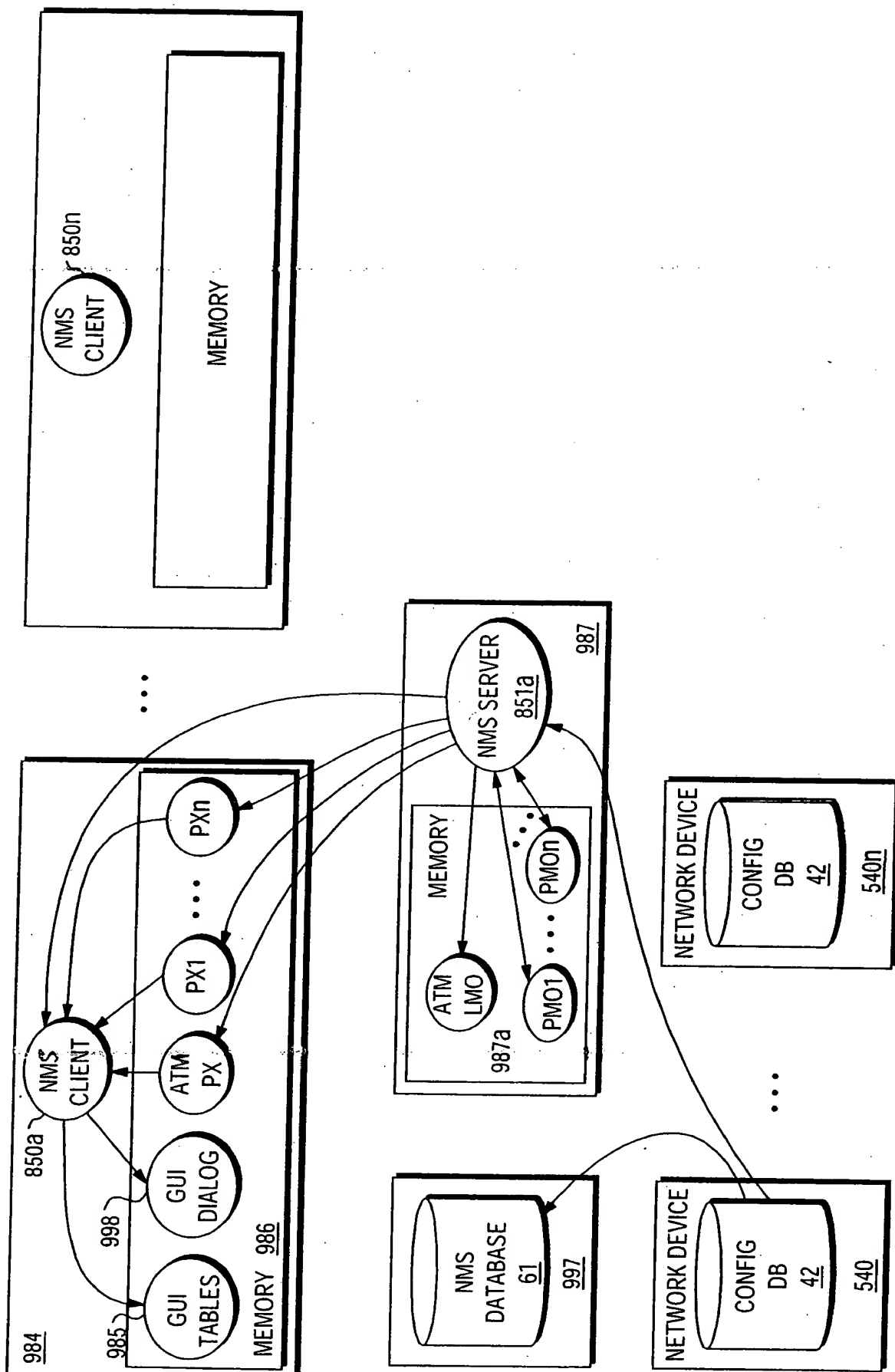


FIG. 59

MANAGED DEVICE TABLE 983

983b	PID	A1	...	An	983a
	1				

FIG 60A

CHASSIS TABLE 988

988b	PID	A1	...	An	MANAGED DEVICE PID	988c
	1				1	988a
	⋮	⋮	⋮	⋮	⋮	

FIG 60B

SHELF TABLE 989

989a	PID	A1	...	An	CHASSIS PID	989b
	3				2	
	4				2	
	⋮	⋮	⋮	⋮	⋮	
	18				2	

FIG 60C

SLOT TABLE 990

990a	PID	A1	...	An	SHELF PID	990b
990c	20				3	
	21				3	
	⋮	⋮	⋮	⋮	⋮	
990d	116				18	

FIG 60D

CARD TABLE 47'

PID	CWD TYPE	VERSION NO.	SLOT PID	...
120	0XF002	3	20	
121	0XF002	4	21	
⋮	⋮	⋮	⋮	⋮
124	0X6002	1	24	
⋮	⋮	⋮	⋮	⋮
131	0XF002	1	31	
⋮	⋮	⋮	⋮	⋮

FIG 60E

PORT TABLE 49'

PID	PORT TYPE	VERSION NO.	CARD PID	...
300	00620	1	20	
301	00620	1	20	
302	00620	1	20	
303	00620	1	20	
304	00820	1	20	
⋮	⋮	⋮	⋮	⋮
400	00620	1	39	
⋮	⋮	⋮	⋮	⋮

FIG 60F

SONET PATH TABLE 600'

600a	600b				
	PATH LID	PORT LID	TIME SLOT	# OF TIME SLOTS	...
	901	304	4	3	
	⋮	⋮	⋮	⋮	⋮

FIG. 60G

SERVICE ENDPOINT TABLE 76''

76a	76c		76d		76e	76b	
	SE LID	Q #	FC PID	FC SLICE PID	FC TIME SLOT	PATH LID	...
	3000					901	
	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 60H

ATM IF TABLE 114''

114a	114b			
	ATM IF LID	ATM GROUP LID	SE LID	...
	5054		3000	...
	⋮	⋮	⋮	...

FIG. 60I

VIRTUAL ATM IF TABLE 993				
LID	A1	...	An	ATM IF LID
7489				5054
⋮	⋮	⋮	⋮	⋮

FIG 60J

VIRTUAL CONNECTION TABLE 994				
LID	A1	...	An	VIR. ATM IF LID
⋮	⋮	⋮	⋮	⋮

FIG 60K

VIRTUAL LINK TABLE 995					
LID	A1	...	An	VIR. CONN. LID	CROSS. CONN. LID
⋮	⋮	⋮	⋮	⋮	⋮

FIG 60L

CROSS-CONNECT TABLE 996					
LID	A1	...	An	VIR. LINK1 LID	VIR. LINK2 LID
⋮	⋮	⋮	⋮	⋮	⋮

FIG 60M

ATM NODE TABLE 999				
LID	A1	...	An	MANAGED DEVICE PID
5000				1

FIG 60N

PHYSICAL MANAGED OBJECT 991

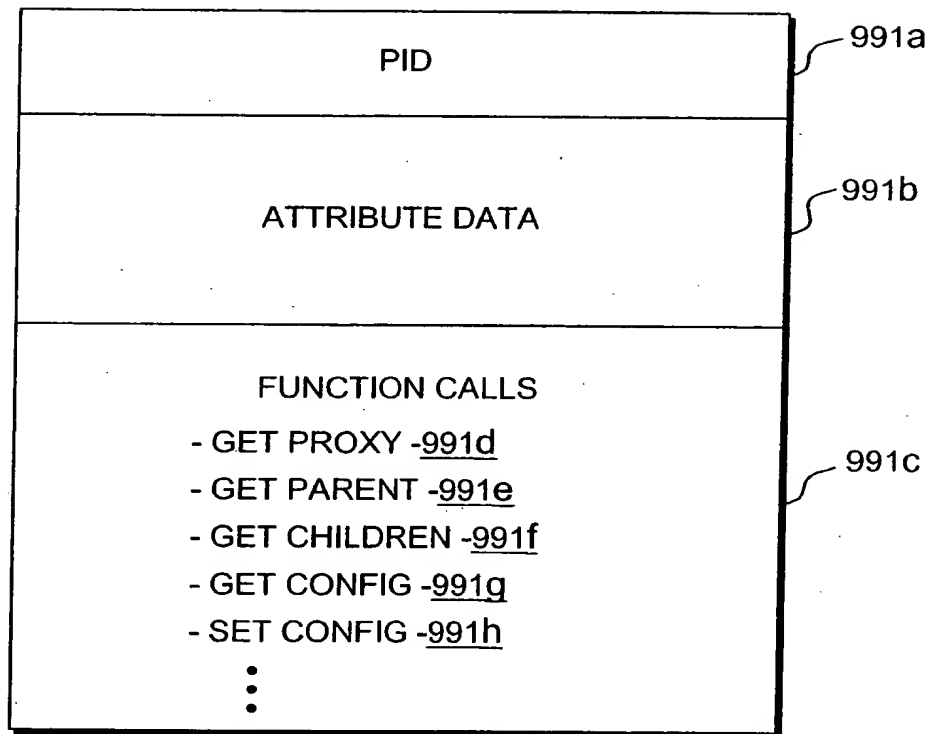


FIG. 61A

PROXY 992

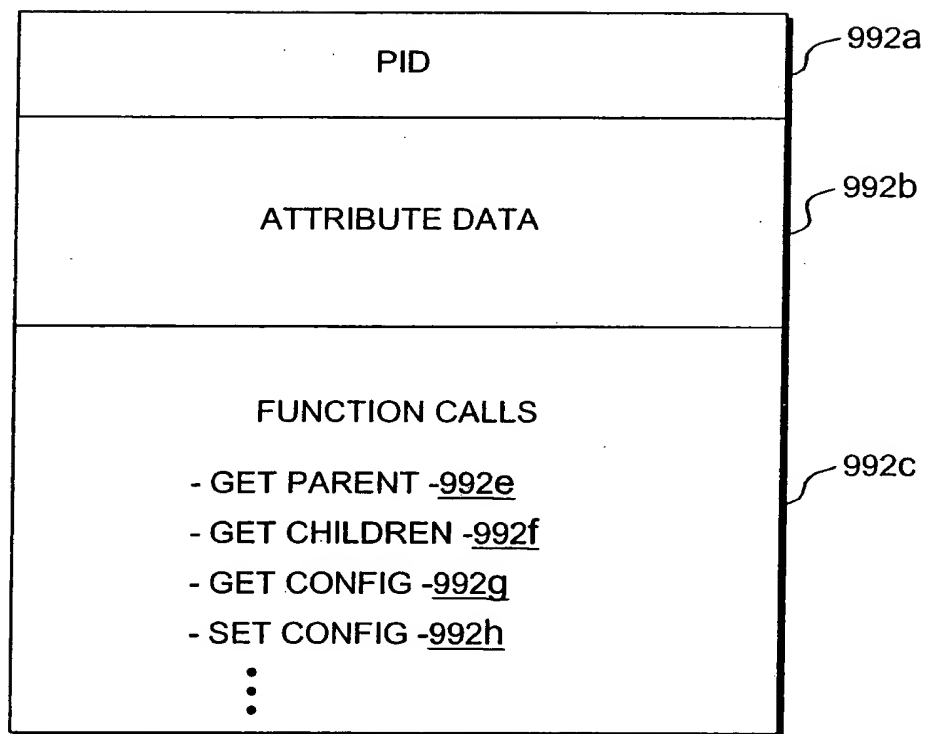


FIG. 61B

997

EvailNet Manager: Modify SONET Path - Shelf 11/Slot4/Port 1

SONET Path Parameters

System: 192.168.9.202

Path Name

Path1_11/4/1

Path Number

1

Path Width

STS-3c

Path Type

Terminated-ATM

Connection Information

Connected SONET Path

Paths...

☒ None

☐ Specific

ATM Interface Name

Modules

OK

Cancel

998b 997a

FIG. 62